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U. S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
WEATHER BUREAU


KEY TO METEOROLOGICAL RECORDS DOCUMENTATION NO. 5.38

CATALOGUE OF METEOROLOGICAL
SATELLITE DATA—TIROS VIII
TELEVISION CLOUD
PHOTOGRAPHY

Part 1

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U. S. DEPARTMENT OF COMMERCE
JOHN T. CONNOR, *Secretary*
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
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Part 1



WASHINGTON, D. C. : 1965

PURPOSE

The Key To Meteorological Records Documentation Series has been established to provide guidance information to research personnel making use of climatological data.

Frequently users of such data have found it necessary to spend a great deal of time establishing whether the criteria for observing or computing various elements have changed over the period of record or in what form the data are available.

It is therefore hoped that the presentation of this series may not only conserve valuable time but may have a direct influence in improving the accuracy of research results.

PREFACE

This bulletin is one of a series describing the television cloud photographs obtained by the TIROS VIII meteorological satellite. It contains a listing of the cloud photograph sequences taken during the period from December 21, 1963 to June 30, 1964, together with a set of maps showing a schematic nephanalysis for each sequence. It also describes how copies of these photographs may be obtained from the National Weather Records Center. Similar material covering subsequent periods of this satellite's operation will be published in separate catalogues.

Documentation Section
National Weather Satellite Center

EARLIER TIROS DATA CATALOGUES

Catalogues of earlier TIROS Meteorological Satellite data are available in this series, as follows:

- No. 5.31 "Catalogue of Meteorological Satellite Data - TIROS I Television Cloud Photography", published in 1961, price 70 cents.
- No. 5.32 "Catalogue of Meteorological Satellite Data - TIROS II Television Cloud Photography", published in 1963, price 20 cents.
- No. 5.33 "Catalogue of Meteorological Satellite Data - TIROS III Television Cloud Photography", published in 1962, price 70 cents.
- No. 5.34 "Catalogue of Meteorological Satellite Data - TIROS IV Television Cloud Photography", published in 1963, price \$1.00.
- No. 5.35 "Catalogue of Meteorological Satellite Data - TIROS V Television Cloud Photography", published in 1964, price \$1.75.
- No. 5.36 "Catalogue of Meteorological Satellite Data - TIROS VI Television Cloud Photography", published in 1964, price \$2.00.
- No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 1 - June 19, 1963 to December 31, 1963", published in 1965, price \$1.25.
- No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 2 - January 1, 1964 to June 30, 1964", in press.

CATALOGUE OF METEOROLOGICAL SATELLITE DATA --
TIROS VIII TELEVISION CLOUD PHOTOGRAPHY
PART 1 - December 21, 1963
to June 30, 1964

The TIROS VIII meteorological satellite was launched on December 21, 1963, by the National Aeronautics and Space Administration. Traveling in a nearly circular orbit, it averaged about 392 nautical miles above the earth's surface with a difference of 27 nautical miles between apogee and perigee. It had an orbital period of 99.5 minutes which corresponds to fourteen and a fraction passes around the earth each day. The orbit was inclined at an angle of 58.5° to the earth's equatorial plane and thus picture coverage was obtained only in the zone bounded roughly by 65° N. and S. latitude.

The satellite was spinning at a rate that varied between 8 and 12 rpm. Being spin-stabilized, the spin axis orientation in space changed only gradually during its operational lifetime. The cameras, mounted with their optical axes parallel to the spin axis, were able to view the earth during less than half of each orbital pass. Usable picture coverage was thus restricted to the portion of each orbital pass during which the underlying earth was both sunlit and within view of the cameras.

TIROS VIII was equipped with two camera systems, one of which (Camera 1), was a recording television system similar to those on earlier satellites in the TIROS series. The other (Camera 2) was a newly developed automatic picture transmission (APT) system which was being flight tested. Each camera had a wide-angle lens which viewed an area about 750 miles square when the optical axis was normal to the earth's surface. At other times a larger area was viewed in oblique perspective.

The APT system (Camera 2) was a slow scan television system designed to provide immediate readout of local area cloud cover data from the satellite. This camera system took pictures automatically during the sunlit portion of an orbital pass and transmitted them immediately for reception by any appropriately equipped ground station within radio range. Some 50 ground installations located throughout the world were equipped to receive TIROS VIII APT transmissions. The APT system did not have the capability in the satellite to store pictures for later readout. It could transmit only direct pictures which, at most stations, were displayed on a facsimile recorder.

The TIROS VIII APT system operated satisfactory from the launch date through February 1964, but began to deteriorate during March and by the end of April 1964 the pictures became unusable. Also, the meteorological usefulness of some of the pictures was limited because of degradation by "scalloping" and "venetian blind" effects. The causes of these latter difficulties have been identified and appropriate modifications will be made on future APT systems.

The descriptions and tabulated listings of cloud picture sequences which follow pertain only to the Camera 1 television recording system. Data from Camera 2 are not documented in this catalogue, although nephanalyses made from the APT pictures have been included, as available, on the composite maps.

Camera 1 action aboard TIROS VIII was controlled from three Command-and-Data-Acquisition (CDA) stations: one located at Wallops Station near Chincoteague, Va.; one at Pacific Missile Range, Point Mugu, Calif.; and the other at Gilmore Creek, Fairbanks, Alaska. The satellite came within radio range of one or more of these stations for a few minutes each on 8 or sometimes 9 of its 14 daily passes. During these radio contacts the CDA station could:

1. receive a series of television pictures directly as they were taken, if it was daytime and the optical axes were appropriately oriented;

2. command the Camera 1 system to take pictures remote from the CDA station after a specified time delay and store them on tape aboard the satellite;
3. play back a previously commanded tape sequence.

Pictures received by the direct mode were taken only over the United States and nearby ocean areas, while tape sequences usually show other parts of the world. In the region traversed during the five or six consecutive passes when the satellite could not be contacted, picture coverage was limited to one tape sequence each day.

Tape pictures were obtained in sequences up to 32 frames each. Direct sequences were usually shorter and more variable in length. Occasionally the direct pictures obtained at one station on one pass may be grouped into two sequences if the series was interrupted to permit playback of a tape sequence. The time interval between frames was either 10 or 30 seconds in most direct sequences, and was always 30 seconds in tape sequences.

The pictures are virtually square with some small distortion resulting from the particular setting of the electronic readout equipment. "Fiducial marks" etched on the face of the vidicon tube appear in the picture image as a central cross and four L-shaped corners, although they may show poorly or not at all against a dark background.

Since the satellite was spinning, the earth's image rotates from frame to frame by an amount that depends on how much the satellite's spin rate departed from being an integral number of rotations during the picture-taking interval. The rotation rate may be considered constant during any one sequence. The center of rotation, which is the point where the optical and spin axes intersect the image plane, is not quite at the central fiducial cross mark, being displaced slightly to the lower right on tape pictures and to the upper left on direct pictures. Copies of the focus sheets which show its locations with respect to the fiducial marks may be obtained from the Documentation Section, National Weather Satellite Center. Reproduction of the focus sheets is also included on the microfilms of latitude-longitude overlay grids.

Cloud picture transmissions received at CDA stations were displayed on a television screen and simultaneously recorded on magnetic tape. A 35 mm. camera photographed the television screen, including also a lighted panel board mounted underneath. The panel board information provides a legend for each picture including camera number, mode (TAPE or DIRECT), frame number, orbit pass number, and station initial preceded by "VIII" for TIROS VIII. Occasionally a clock appears in the legend but the time shown has no relation to picture taking time.

In the example of figure 1, the legend indicates the picture was received and taken on orbital pass number 3241 and that it is a TAPE picture taken by camera 1. The letter F at right center following the number "VIII" indicates the picture was acquired at the Fairbanks, Alaska station.

The panel board legend also contains a series of numerals whose sum indicates the frame number. In figure 1, the frame number is 15, representing the sum of 1, 2, 4 and 8. (At the bottom of the panel board is a similar series of numerals intended to give information on sun angle, but the system did not work properly and the values cannot be easily interpreted.) Within each sequence, the indicated frame numbers increase in the order that the pictures were received at the CDA station. For direct mode this is the time order in which the pictures were taken. But tape sequences were played back to the station in reverse time order. Pictures of both modes are arranged on the film in order of increasing frame number; therefore it is important to note that this arrangement is correct time order for direct sequences, but is reverse time order for tapes.

The orderly time sequence of pictures is sometimes interrupted by spurious noise frames or complicated by skipped frames. In such cases the frame numbers are not a



Figure 1 - Example of TIROS VIII Cloud Photography

dependable indicator of real picture counts. However, the regular rotation of image orientation is often a helpful clue in determining the actual time interval between particular frames.

The following pages of maps and tabulated listings give descriptive information about the pictures obtained by TIROS VIII. In the listings each picture sequence is described by one line, and for each station the sequences are listed in the order in which they appear on the film reel. The column headings and entries have the following meanings:

REEL: Number of the film reel which contains the sequence.

FILM LEGEND: This section gives the information actually appearing on the film in the panel board legend accompanying each picture. This information is used to identify the sequence on the film reel.

PASS: Orbital pass number on which the pictures were read out, as indicated in the upper right corner of the legend.

M: Mode of transmission indicated in the legend.

D = Direct

T = Tape

C: Camera number indicated in the legend.

1 = Camera number one

S: CDA station which received the sequence.

W = Wallops Station, Va.

P = Point Mugu, (Pacific Missile Range), Calif.

F = Fairbanks, Alaska

PICTURE SEQUENCE DATA: This section documents the picture content. Sequences having no usable frames or unknown times are on the film reel and are therefore included in the listings, but are not fully documented in this section.

PASS: Orbital pass number on which the first picture of the sequence was taken. For direct sequences this pass number and the readout pass number given under FILM LEGEND are the same. For tape sequence, however, picture taking usually began on an earlier pass.

DATE: Month and day of the middle frame of the sequence.

TIME: Approximate time, in hours and minutes (GMT), of the midpoint in the sequence. This time is also given with the nephanalysis on the coverage map.

FRAME:

TI: Time interval, in seconds, between frames. V indicates time interval varies within the sequence.

US: Number of usable frames in the sequence.

+: Number of frames in which the central fiducial cross mark appears on the earth, indicating that the earth's image occupies a substantial portion of the picture.

GEOGRAPHICAL AREA COVERED: Column headings refer to numbered areas outlined on the first map. Column entries indicate the areas included in the picture sequence.

METEOROLOGICAL AND OTHER FEATURES:

EXTRATROPICAL CIRCULATIONS - TABLE (1)

0. CLOUD VORTEX (Well Defined)
1. CLOUD VORTEX (Poorly Defined)
2. CLOUD VORTEX (With Frontal Band or Other Associated Band(s))
3. CLOUD VORTEX (WITH DOUBLE CENTER)
4. CIRCULATION CENTER
- 5.
- 6.
- 7.
- 8.
9. CLOUD VORTEX (Unusual Appearance)

BANDS - TABLE (3)

0. PROBABLE FRONT (Well Defined)
1. PROBABLE FRONT (Poorly Defined)
2. APPARENT OCCLUDED FRONT
3. APPARENT STABLE OR OPEN WAVE
4. PROBABLE FRONT (With Cloud Vortex)
5. BAND, LOW LATITUDE (Within 15° of the Equator)
6. BAND, HIGH THIN CLOUDS (Possible Jet Association)
7. PRESUMED NON-FRONTAL
- 8.
9. BAND OF UNUSUAL APPEARANCE

CLOUD FEATURES - TABLE (5)

0. CUMULONIMBUS (No Apparent Organization)
1. CB's or other evidence of violent weather over the United States
2. CB's in apparent Squall Lines
3. EDDY PATTERNS
4. VORTICAL PATTERN IN A CELLULAR FIELD
5. MOUNTAIN WAVE CLOUDS
6. APPARENT GRAVITY WAVES (Not Obviously Associated with Terrain)
- 7.
- 8.
9. UNUSUAL CLOUD CONFIGURATION

TROPICAL DISTURBANCES - TABLE (2)

0. Hurricane or TYPHOON (Named)
1. Tropical STORM (Named)
2. CLOUD VORTEX (Well Defined)
3. CLOUD VORTEX (Poorly Defined)
4. DISTURBED AREA (2° or less in extent)
5. DISTURBED AREA (2° to 4° in extent)
6. DISTURBED AREA (Over 4° in extent)
7. ASYMPTOTES OF CONVERGENCE
8. APPARENT ITC ZONE
- 9.

CLOUD FEATURES - TABLE (4)

0. SOLID CELLS (Random)*
1. SOLID CELLS (Organized Pattern)*
2. HOLLOW POLYGONAL OR CRESCENT PATTERN*
3. VERMICULATED CLOUD PATTERN*
4. COASTAL STRATUS
5. INLAND STRATUS OR FOG (Including Penetrating Coastal Stratus)
6. CLOUD STREETS (Extratropical)
7. CLOUD STREETS (Tropical)
- 8.
- 9.







* 0, 1, 2 and 3 refer to homogeneous cloud field greater than 3° of great circle arc in diameter

MISCELLANEOUS - TABLE (6)





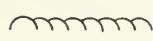
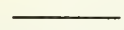

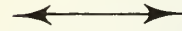
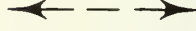



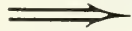





0. ICE OR SNOW (Glacial)
1. SNOW (Non-Mountainous)
2. SNOW (Mountain)
3. ICE ON SEAS
4. ICE ON LAKES OR RIVERS
5. SUN GLINT
6. HAZE OR SMOG
7. PROBABLE CONTRAILS
8. LANDMARK OF EXCEPTIONAL QUALITY
9. LANDMARK, DISCERNIBLE

Following the listings is a series of maps which shows the area covered by each sequence having usable frames and for which picture taking time has been determined. Most of the picture sequences were analyzed for their cloud content during routine operations, and these nephanalyses have been reproduced on the maps. Satellite attitude and exposure time are not always accurately known at the time the nephanalyses are constructed. However, most of the nephanalyses are considered to be geographically accurate to about $\pm 2^\circ$ with a few ranging from $\pm 1^\circ$ to $\pm 5^\circ$. Users are cautioned not to attribute any greater accuracy to the location of cloud patterns shown.

The following legend defines the symbols used in the nephanalyses before January 3, 1964:

MAJOR BOUNDARY		
MINOR BOUNDARY		
CLEAR	CLR	
SCATTERED	S	
BROKEN	B	
OVERCAST	⊕	
HEAVY	+	
THIN	-	
	BANDS	
	VORTEX	

Beginning on January 3, 1964, the symbols used in the nephanalyses are defined as follows:

	CUMULOFORM CLOUD		STRATIFORM CLOUD
	CIRROFORM CLOUD		APPARENT CUGG OR CB
	BOUNDARY OF MAJOR CLOUD SYSTEMS - FRONTS, VORTICES, OR OTHER SYSTEM DOMINATING THE SCENE VIEWED BY THE SATELLITE		
	DEFINITE BOUNDARY OF MORE OR LESS UNORGANIZED CLOUD MASSES		
	INDEFINITE BOUNDARIES OF MORE OR LESS UNORGANIZED CLOUD MASSES		
	STRIATIONS		
	STRIATIONS, TENUOUS		
	CLOUD LINES		
	CLOUD LINES, TENUOUS - CLOUD FORM DENOTED BY		
			
	DIRECTION OF SHEAR OF CIRRUS - FROM CB ANVIL OR OTHER SOURCE		
	WAVE CLOUDS (MOUNTAIN OR TRANSVERSE)		
	ESTIMATED LOCATION OF JET STREAM - SHAFT MAY BE BROKEN TO AVOID OBSCURING SYMBOLS INSIDE NEPH BOUNDARY		
VORTEX		HEAVY	
		THIN	

CLOUD AMOUNT

OPEN (O)	=	20% coverage
MOSTLY OPEN (MPO)	=	20-50% coverage
MOSTLY COVERED (MCO)	=	50-80% coverage
COVERED (C)	=	80% coverage

NOTE: STIPPLING WILL BE USED TO EMPHASIZE THE AREAS
CONSIDERED BY THE ANALYST TO BE OF GREATEST
SYNOPTIC SIGNIFICANCE.

When no nephanalysis was available for a usable sequence, a generalized outline of the area covered is shown instead.

The coverage swaths are grouped by PASS DAY, which includes all sequences taken on or near the series of 8 or 9 consecutive passes that come within range of the CDA stations each 24-hour period. These passes may fall on one or on two calendar days, and the maps are dated accordingly. Tape swaths are identified by the readout pass number, followed by the picture-taking pass number. Direct swaths are identified by a single pass number and the letter D. Midpoint time is given for all swaths, and camera number is added when necessary to identify definitely the sequence to which the swath applies. Two direct sequences acquired at the same station on the same pass are normally combined in one swath, since the short interruption for tape playback usually does not cause a significant gap in the coverage.

TIROS VIII master films will be deposited at the National Weather Records Center (NWRC), U. S. Weather Bureau, Federal Building, Asheville, North Carolina. Persons or institutions desiring copies may order them from NWRC in the form of 35 mm. positive transparencies for projection or 35 mm. duplication negatives from which opaque prints can be made. The pictures are stored chronologically on 100-foot reels. Orders must be placed for one or more complete reels, at a cost of \$6.50 each, as it is not now possible to furnish copies of individual frames or to provide enlargements or other picture formats. All copies will be furnished with sprocket holes, since the necessary film emulsion is available only in this form.

Geographic locator grids, for overlay on the pictures, were computed at the CDA stations in the routine preparation of TIROS VIII nephanalyses. Microfilm copies of these grids, which have latitude and longitude lines spaced at 5° intervals, are available from NWRC. The individual nephanalyses will also be available on microfilm.

A complete listing of satellite latitude, longitude, and height for all usable sequences, together with other information useful in determining precise location of TIROS VIII pictures, will be available on microfilm from NWRC. Detailed listings of picture-taking time for all frames are contained on the "TIROS VIII FRAME LOGS" which are on file at the Documentation Section, National Weather Satellite Center, and will also be made available on microfilm from NWRC.

Detailed descriptions of the problems and uncertainties encountered in geographically locating TIROS pictures are contained in References 1 and 2. Reference 3, on the other hand, describes a meticulous hand-rectification method which will produce excellent location information.

1. Hubert, L. F.: "TIROS I Camera Attitude Data, Analysis of Location Errors, and Derivation of Correction for Calibration", Meteorological Satellite Laboratory Report No. 5, U. S. Weather Bureau, Washington, D.C., 1961.

2. Pyle, R. L. : "Documentation for TIROS IV Television Data", Meteorological Satellite Laboratory Report No. 16, U. S. Weather Bureau, Washington, D. C., 1963.
3. Fujita, T. : "A Technique For Precise Analysis For Satellite Data; Volume I - Photogrammetry", Meteorological Satellite Laboratory Report No. 14, U. S. Weather Bureau, Washington, D. C. 1963.

REEL	FILM LEGEND				PICTURE SEQUENCE DATA														
	PASS	M	C	S	PICTURE TAKING			FRAME	GEOGRAPHICAL	METEOROLOGICAL AND OTHER FEATURES									
					PASS	MIDPOINT				TI	US	+	AREA COVERED	EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEQUIS
						DATE	TIME										TABLE (1)	TABLE (2)	
801	0006	T	1	P	0004	1221	1659	30 31 17	2						0	37			
801	0006	O	1	P	0006	1221	1955	10 06 06		7								2	
801	0007	O	1	P	0007	1221	2138	10 06 06		5						6			
801	0007	D	1	P	0007	1221	2142	30 09 09		5					7	07			
801	0014	T	1	W	0007	1221	2151	30 22 22	1	5			7		7	70			
801	0015	T	1	W	0014	1222	0925	30 31 31	1	3					0	6	0	8	
801	0016	T	1	P	0015	1222	1100	30 31 31	1	3	6		6			0	0	9	
801	0017	T	1	P	0016	1222	1244	30 32 32	1		6		5		06	0	0	9	
801	0019	T	1	W	0017	1222	1429	30 32 32		2	4	6			6	037	0	89	
801	0020	O	1	W	0020	1222	1911	10 11 11			4	7			6			9	
801	0020	T	1	W	0019	1222	1745	30 32 28		2	4		68		0		0		
801	0021	T	1	P	0020	1222	1924	30 32 29			4	8				7	0		
801	0021	O	1	P	0021	1222	2101	30 09 09			5	7				70		9	
801	0029	T	1	W	0028	1223	0845	30 32 18	1				5		0	1	409		
801	0030	T	1	P	0029	1223	1011	30 32 32	1	3			3			4		9	
801	0031	T	1	P	0030	1223	1154	30 32 32	12		6				4		0	9	
801	0034	T	1	W	0031	1223	1333	30 32 32			6				1	1	2	9	
801	0034	O	1	W	0034	1223	1819	10 04 04			7							18	
801	0035	D	1	P	0035	1223	1957	10 18 18		5	7				0			92	
801	0035	D	1	P	0035	1223	2001	30 01 01			7							9	
801	0036	T	1	P	0035	1223	2009	30 30 30	1	5	7		4			167	09	95	
801	0036	O	1	P	0036	1223	2140	10 17 17		5					0	0	2		
801	0036	D	1	P	0036	1223	2145	30 01 01	1										
802	0043	T	1	W	0036	1223	2153	30 30 30	1	5			8			4			
802	0045	T	1	P	0044	1224	1105	30 31 31	1		6				4	7	0	9	
802	0048	T	1	F	0047	1224	1604	30 32 32		2	4			8		0	7	0	
802	0057	T	1	W				30 32 32											
802	0058	T	1	W	0057	1225	0835	30 31 31	1	3					1	02		8	
802	0072	T	1	W	0058	1225	1015	30 32 32	1	3	6		0				0	8	
802	0073	T	1	P	0072	1226	0919	30 32 32	1	3						5	0	9	
802	0075	T	1	F	0074	1226	1238	30 32 32		2	4	6	0	8	09	05	0	8	
802	0077	T	1	F	0075	1226	1426	30 32 32		2	4				7	0267	03		
802	0078	T	1	F	0077	1226	1747	30 32 28		2	4	8		8		067	0	9	
802	0079	O	1	P	0079	1226	2052	10 15 15			5				6	06			
802	0087	T	1	W	0079	1226	2106	30 31 28	1	5			1		0	0	0		
802	0088	T	1	P	0087	1227	1010	30 32 32	1	3	6					306	0	5129	
802	0090	T	1	F	0089	1227	1329	30 32 32		2	4	6		5		1	07	0	
802	0091	T	1	F	0090	1227	1508	30 32 32		2	4	78	4			0	067	04	
802	0092	T	1	F	0091	1227	1711	30 12 01		2						0			
803	0103	T	1	P	0093	1227	2018	30 32 25	1	5				8		0			
803	0105	T	1	F	0103	1228	1244	30 32 32		2	4	6	4			9	067	0	
803	0106	T	1	F	0105	1228	1608	30 32 32		2	4	8		67			0	8	
803	0115	T	1	W	0107	1228	1935	30 15 00	12		8				1			9	
803	0116	T	1	P	0115	1229	0832	30 31 31	1	3	6			6		7	05	19	
803	0119	T	1	F	0118	1229	1330	30 32 32		2	4	7	4			8	067	042	
803	0120	T	1	F	0119	1229	1515	30 32 32		2	4	8			6	057	025	8	
803	0121	T	1	F	0120	1229	1700	30 32 29		2	4	8				7	0	9	
803	0122	T	1	P	0121	1229	1837	30 32 32	1	5	8			8		0	0167	0	
803	0122	O	1	P	0122	1229	2004	10 02 02		5						6	9	29	
803	0129	T	1	W	0123	1229	2147	30 32 32	1	5			0		8	1			
803	0130	T	1	W	0129	1230	0743	30 32 32	1	3						7	0	8	
803	0134	T	1	F	0133	1230	1425	30 32 32		2	4	8		28		7	0256	0	
803	0135	T	1	F	0134	1230	1602	30 32 32			4	78			1	7	01	8	
803	0136	T	1	P	0135	1230	1740	30 31 31	1	5	7		4		5	467	05	25	
803	0136	O	1	P	0136	1230	1915	10 12 12		5						6			
803	0143	T	1	W	0137	1230	2100	30 32 32	1	5				8		9	67	0	
804	0148	T	1	F	0147	1231	1334	30 24 24		2	4			8		1	467	0	
804	0149	T	1	F	0148	1231	1513	30 32 32			4	78		3		1	7	01	
804	0150	T	1	P	0149	1231	1658	30 32 32	1	5	8					4	0	29	
804	0150	D	1	P	0150	1231	1825	30 04 04		5									
804	0159	T	1	P	0155	0101	0247	30 32 32		1	3	5		6			7	0	
804	0172	T	1	W	0170	0102	0356	30 15 09	1			9	2		0		0	04	
804	0173	T	1	W	0172	0102	0703	30 31 31	1		6			5			037	04	
804	0177	T	1	F	0176	0102	1343	30 32 30		2	4			8			6	0	
804	0178	T	1	F	0177	0102	1522	30 32 32		2	4	8					6	0	
804	0179	T	1	P	0178	0102	1652	30 32 32	1	5	7			8		6	57	0	
804	0186	T	1	W	0179	0102	1857	30 10 10	1										
804	0187	T	1	W	0186	0103	0617	30 31 29	1								67	0	
804	0188	T	1	P	0187	0103	0753	30 32 32	1		6		4				167	0	
804	0190	T	1	W	0188	0103	0934	30 31 31		2	6							9	
804	0191	T	1	W	0190	0103	1243	30 27 27		2	4			8		67		0	
804	0191	O	1	W	0191	0103	1417	10 15 15			4	7						2	
804	0192	T	1	F	0191	0103	1428	30 31 31		2	4	8		8		1	7	0	
804	0193	T	1	P	0192	0103	1604	30 31 31	1	5	78						4	29	
804	0193	O	1	P	0193	0103	1737	30 02 02		5			4						
805	0200	T	1	W	0199	0104	0339	30 31 31	1			9		8				0	
805	0203	T	1	P	0202	0104	0850	30 31 22	1		6		4			0	7	09	
805	0204	T	1	F	0203	0104	1020	30 28 28		2	4	6		8		1		0	
805	0205	T	1	F	0204	0104	1157	32 32 32		2	4					01	0		
805	0206	T	1	F	0205	0104	1330	32 32 32		2	4	8				1	34		
805	0207	T	1	P	0206	0104	1516	30 32 32			4	78				0	4	0	

REEL	FILM LEGEND				PICTURE SEQUENCE DATA																					
	PASS	M	C	S	PICTURE TAKING			FRAME			GEOGRAPHICAL AREA COVERED			METEOROLOGICAL AND OTHER FEATURES												
					PASS	MIDPOINT		TI	US	+	0	1	2	3	4	5	6	7	8	9	TABLE (1)	TABLE (2)	TABLE (3)	CLOUD FEATURES		MISCEL- LANEUS
						DATE	TIME																	TABLE (4)	TABLE (5)	
805	0214	T	1	W	0208	0104	1833	30	32	32	1	5							8		1	02				
805	0216	T	1	P	0215	0105	0611	30	31	31	1	3						8		0	167	09	8			
805	0219	T	1	F	0217	0105	0930	30	31	31	2	4	6					5			47	09	9			
805	0220	T	1	F	0219	0105	1248	30	31	31	2	4	8					8	1		167	0	9			
805	0222	T	1	P	0221	0105	1607	30	31	31	1	5	7						6		1					
805	0222	D	1	P	0222	0105	1739	30	01	01		5									1					
805	0230	T	1	W	0229	0106	0521	30	30	30	1	3							1		7	0				
805	0231	T	1	P	0230	0106	0706	30	31	31	1	6						5	1		067	0	8			
805	0233	T	1	F	0232	0106	1022	30	31	31	2	4	6								3		8			
805	0234	T	1	F	0233	0106	1200	30	32	32	2	4	8					5	7			0				
805	0234	O	1	W	0234	0106	1330	30	09	09		4	7						6		6					
806	0236	O	1	P	0236	0106	1651	30	06	06		5									2					
806	0243	T	1	W	0237	0106	1845	30	32	30	1						2	6	4		37					
806	0244	T	1	W	0243	0107	0444	30	31	24	1										26	0				
806	0245	T	1	P	0244	0107	0614	30	30	30	1	6						8	0		067	0	8			
806	0246	T	1	P	0245	0107	0750	30	31	31		6						5			67	0	8			
806	0247	T	1	F	0246	0107	0936	30	26	26	2	4	6				4	8			567	09	9			
806	0248	T	1	W	0247	0107	1110	30	31	31	2	4						8	0		067	0				
806	0250	T	1	P	0248	0107	1249	30	29	29	2	4	8								6	0	9			
806	0250	D	1	P	0250	0107	1601	30	04	04		5	7						7				9			
806	0257	T	1	W	0251	0107	1756	30	32	32	1						1		4		07	0				
806	0259	T	1	P	0258	0108	0525	30	31	31	1	3						58	01		67	0	9			
806	0260	T	1	P	0259	0108	0710	30	31	31	12	6					4				016	09	8			
806	0262	T	1	F	0262	0108	1201	30	31	31	2	4						4	15		2	03				
806	0263	T	1	F	0262	0108		30	09	00																
806	0265	T	1	P	0264	0108	1520	30	32	32	1	5	7					8	6		024	0	9			
806	0265	D	1	P	0265	0108	1653	30	05	05		5							7		0					
806	0272	T	1	W	0266	0108	1843	30	31	31	1	5					4	68			02	0				
806	0273	T	1	W	0272	0109	0444	30	30	30	1						1		06							
807	0274	T	1	P	0273	0109	0620	30	31	31	1	6						5	0		67	0	9			
807	0276	T	1	W	0275	0109	0935	30	31	31	2	4	6					8			6713	0				
807	0278	T	1	F	0276	0109	1130	30	10	04	0	2									6					
807	0286	T	1	W	0281	0109	1930	30	30	30	1	5										0				
807	0287	T	1	W	0286	0110	0405	30	22	17	01						0		06				3			
807	0288	T	1	P	0287	0110	0541	30	29	20	01								0		6	3	3			
807	0289	T	1	P	0288	0110	0708	30	31	31	12	6					2		7		167	0	9			
807	0290	T	1	F	0289	0110	0846	30	32	32	2	6						8	0		47	0	8			
807	0291	T	1	F	0290	0110	1028	30	32	32	2	4						8	1		367	0				
807	0292	T	1	F	0291	0110	1209	30	32	32	2		8				4		0		6	0				
807	0300	T	1	W	0295	0110	1853	30	31	30	01						2		06		0	4				
807	0302	T	1	P	0301	0111	0442	30	31	31	1							8	7			0				
807	0304	T	1	F	0303	0111	0758	30	31	31	2	6						84	05		1457	436	9			
807	0305	T	1	F	0304	0111	0938	30	32	32	2	4						8			37	0				
807	0306	T	1	F	0305	0111	1118	30	32	32	2	4	8				4	8	03		67	02	9			
808	0307	T	1	P	0306	0111	1257	30	32	32		34					0		7		047		9			
808	0315	T	1	W	0309	0111	1820	30	13	00	0															
808	0316	T	1	W	0315	0112	0352	30	30	30	1							8	0		0	0				
808	0317	T	1	P	0316	0112	0534	30	31	31	1										127	0				
808	0319	T	1	F	0318	0112	0850	30	31	31	2	4						8	0		076	0				
808	0320	T	1	F	0319	0112	1036	30	32	32	2						2		0		0	0	3			
808	0321	T	1	F	0320	0112	1210	30	32	32	2		8					8	17		6	0				
808	0322	T	1	P	0321	0112	1348	30	32	32	12	5	8				0	3			45		29			
808	0329	T	1	W	0328	0113	0128	30	31	31	1		9							3		04	8			
808	0330	T	1	W	0329	0113	0303	30	31	31	1								0		0	0				
808	0331	T	1	P	0330	0113	0454	30	32	28	01						24		246		06		80			
808	0332	T	1	P	0331	0113	0622	30	31	31	1	6							6		67		9			
808	0344	T	1	W	0332	0113	0814	30	32	32	2	6														
808	0351	T	1	P	0350	0114	1344	30	22	22	1										1					
808	0362	T	1	W	0360	0115	0625	30	31	31	12	6							1		7	0				
808	0364	T	1	P	0362	0115	0947	30	32	32	2						2		0		167					
809	0373	T	1	W	0364	0115	1304	30	32	32	1		8				0		06		05	235	8			
809	0374	T	1	P	0373	0116	0400	30	31	31	01							26	06		107	23				
809	0377	T	1	W	0374	0116	0534	30	10	10	2	6										0	9			
809	0378	T	1	P	0377	0116	1039	30	21	21	0	2							0		06					
809	0379	T	1	P	0377	0116	1031	30	11	11	2		8								6	0				
809	0386	T	1	W	0379	0116	1354	30	32	32	012		8						0		06	6	28			
809	0388	T	1	P	0387	0117	0310	30	32	32	01							2		0		0167	03			
809	0389	T	1	P	0388	0117	0452	30	32	32	01						14		1			36	039			
809	0391	T	1	W	0390	0117	0809	30	32	32	0	2							1		0	3				

REEL	FILM LEGEND				PICTURE SEQUENCE DATA																
	PASS	M	C	S	PICTURE TAKING			FRAME	GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES											
					PASS	MIDPOINT				EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISC-LANEOUS						
						DATE	TIME	TI	US				+	01		2	3	4	5	6	7
810	0430	T	1	W	0429	0120	0049	30	32	32	01			94					6	6	0
810	0432	T	1	P	0430	0120	0229	30	32	32	01			4				0	27	03	
810	0434	T	1	W	0432	0120	0600	30	32	32	1		9	2				0	6	9	
810	0435	T	1	W	0434	0120	0906	30	32	32	01			01				0	0		
810	0436	T	1	P	0435	0120	1047	30	32	32	0 2			0				02	016		
810	0437	T	1	P	0436	0120	1218	30	21	21	12		8					016			
810	0443	T	1	W	0442	0120	2222	30	32	32	01		9	04			1	36	5	28	
810	0444	T	1	W	0443	0121	0012	30	32	32	01			2			09	4		8	
810	0445	T	1	P	0444	0121	0151	30	32	32	01			14			17	6	09	30	
810	0446	T	1	P	0445	0121	0331	30	32	32	1		8	144			17	3	0	09	
810	0448	T	1	W	0447	0121	0649	30	32	32	1		9	34			0	0	6	8	
810	0449	T	1	W	0448	0121	0829	30	32	32	1		9	3			0	0		9	
811	0450	T	1	P	0449	0121	1013	30	32	32	1 3			02		6	49	6			
811	0451	T	1	P	0450	0121	1148	30	32	32	01			1			1	1	3		
811	0459	T	1	W	0458	0122	0108	30	28	28	1			4			1	367	0		
811	0460	T	1	P	0459	0122	0247	30	32	32	1			2			01	267	04		
811	0462	T	1	W	0460	0122	0427	30	32	32	1		9	0			0	06	0	9	
811	0463	T	1	W	0462	0122	0745	30	32	32	1		9				0	06	0	9	
811	0464	T	1	P	0463	0122	0925	30	32	32	01		9				0	267	0	9	
811	0472	T	1	W	0471	0122	2239	30	32	32	01						04	2	2		
811	0473	T	1	W	0472	0123	0021	30	32	32	1						0	0	0		
811	0474	T	1	P	0473	0123	0201	30	32	32	1						07	267	0		
811	0475	T	1	P	0474	0123	0341	30	32	32	1		9	4				63	5	9	
811	0476	T	1	F	0475	0123	0522	30	18	18	1		5	9		8	1	7	0		
811	0477	T	1	F	0476	0123	0702	30	30	30	1		5	9		8	0	1437	023	8	
811	0478	T	1	F	0477	0123	0839	30	32	32	1		5	9		8	09	267	26	8	
811	0479	T	1	F	0478	0123	1021	30	27	27	1 3			2		8	1	1367	0		
811	0480	T	1	P	0479	0123	1158	30	32	32	1						015	1067			
812	0486	T	1	W	0485	0123	2154	30	31	31	1		5	8			0	0346	0	289	
812	0488	T	1	W	0487	0124	0118	30	24	24	1		5			65	01	017	2		
812	0489	T	1	P	0488	0124	0254	30	32	32	1		5				5	67	09	9	
812	0491	T	1	F	0490	0124	0612	30	30	30	1		5	9		38	06	367	24	8	
812	0493	T	1	F	0492	0124	0931	30	30	30	1 3			2			2	3			
812	0502	T	1	W	0501	0125	0027	30	24	24	1		5					367	0		
812	0503	T	1	P	0502	0125	0205	30	31	31	1		5				68	7	167		
812	0506	T	1	F	0505	0125	0704	30	29	29	1		9			8		4	0	8	
812	0507	T	1	F	0506	0125	0840	30	32	32	1		5	9	2		4	7		9	
812	0508	T	1	P	0507	0125	1024	30	32	32	1 3					6807		7601	0		
812	0516	T	1	W	0514	0125	2159	30	29	29	1		45	8			0				
812	0517	T	1	P	0516	0126	0118	30	31	31	1		5				5	267	0		
812	0518	T	1	P	0517	0126	0258	30	30	30	1		5				68	7	0		
812	0519	T	1	W	0518	0126	0435	30	29	29	1		5	9			68	67	06		
812	0520	T	1	W	0519	0126	0615	30	29	29	1		5	9			6	0		8	
812	0522	T	1	P	0521	0126	0936	30	31	31	1 3					28	0	167	0		
813	0529	T	1	W	0528	0126	2110	30	30	30	1		4	8			0	03	03	9	
813	0530	T	1	W	0529	0126	2250	30	30	30	1		5	7			8	0	0		
813	0531	T	1	P	0530	0127	0029	30	31	31	1		5		2		4	67	0		
813	0532	T	1	P	0531	0127	0209	30	29	29	1		5				8	7	0		
813	0534	T	1	W	0533	0127	0527	30	31	30	1		5	9			2	1	02	8	
813	0535	T	1	W	0534	0127	0706	30	30	30	1		5	9			68		17	0	
813	0536	T	1	P	0535	0127	0845	30	30	30	1				1		5	0	167	0	
813	0537	T	1	P	0536	0127	1026	30	30	30	1						58	0	67	0	
813	0544	T	1	W	0542	0127	2022	30	25	25	1		8				6	0	05	0	
813	0546	T	1	P	0545	0128	0120	30	31	31	1		5				8	05	7		
813	0548	T	1	W	0546	0128	0259	30	29	29	1		5	9			1			04	
813	0549	T	1	W	0548	0128	0618	30	29	29	1		5	9			8		367	0	
813	0550	T	1	P	0549	0128	0758	30	29	29	1		5				8	7	67	0	
813	0558	T	1	W	0553	0128	1436	30	29	29	2		6				8			0	
813	0560	T	1	P	0558	0128	2253	30	30	30			5	78			8	09	7		
813	0561	T	1	P	0560	0129	0210	30	29	29			5				38	51	7	09	
813	0563	T	1	W	0562	0129	0530	30	28	28	1		5	9			86	7	0	9	
814	0564	T	1	W	0563	0129	0708	30	26	26	1		5	9			8		7	0	
814	0565	T	1	P	0564	0129	0850	30	26	26	1 3						8		67	0	
814	0572	T	1	W	0565	0129	1028	30	24	24	1 3						58		7	02	
814	0572	O	1	W	0572	0129	2034	10	08	08			7				0				
814	0573	T	1	W	0572	0129	2206	30	30	30	1		45	7			1	8	09	8	
814	0574	T	1	W	0573	0129	2339	30	28	28	1		5								
814	0577	T	1	F	0576	0130	0441	30	26	22	1		5				8				
814	0587	T	1	W	0580	0130	1120	30	25	25	1 3						68		7	025	
814	0587	O	1	W	0587	0130	2124	30	04	04			4	7				06			
814	0588	T	1	W	0587	0130	2255	30	27	27	1		45	7			9		7	09	
814	0589	D	1	P	0589	0131	0044	30	07	07			5	7				05			
814	0589	T	1	P	0588	0131		30	18	18											
814	0594	T	1	P	0593	0131	0855	30	24	24	1 3								7	0	
814	0601	T	1	W	0594	0131	1031	30	16	16	1 3							6	7	06	
814	0601	D	1	W	0601	0131	2037	30	05	05			4					7			
814	0602	T	1	W	0601	0131	2207	30	27	27							8	6	07	06	
814	0603	O	1	P	0603	0131	2354	30	05	05			5	7				5		9	
814	0603	T	1	P	0602	0131	2342	30	25	25	1		5		4		4	267	0		
815	0615	O	1	W	0615	0201	1945	10	03	03			4								
815	0615	T	1	W	0608	0201		30	07	07											

REEL	FILM LEGEND	PICTURE SEQUENCE DATA											
	PASS M C S	PICTURE TAKING			FRAME TI US +	GEOGRAPHICAL AREA COVERED 01 2 3 4 5 6 7 8 9	METEOROLOGICAL AND OTHER FEATURES						
		PASS	MIDPOINT				EXTROP CIRC. TABLE (1)	TROP. DISTURB. TABLE (2)	BANDS TABLE (3)	CLOUD FEATURES TABLE (4)		MISCEL- LANEOUS TABLE (6)	
			DATE	TIME						TABLE (5)			
815	0615 O 1 W	0615	0201	1949	30 06 04								
815	0630 O 1 W	0630	0202	2037	10 18 18	4					36	0	
815	0644 O 1 W	0644	0203	1948	10 11 11	4					1		
815	0659 T 1 W	0658	0204	2012	30 11 11	1	12		0				
815	0661 T 1 P	0660	0204	2348	30 12 12	1 5		58			067	0	
815	0663 T 1 W	0661	0205	0133	30 24 24	5		8	36		0	0	
815	0664 T 1 W	0663	0205	0450	30 24 24	5		6				4	
815	0665 T 1 F	0664	0205	0630	30 26 26	1 3		8			167	2	28
815	0666 T 1 P	0666	0205	0815	30 12 12	3					6		2
815	0673 T 1 W	0671	0205	1757	30 23 23	1 4 8		8	0		07	024	8
815	0673 O 1 W	0673	0205	1947	30 04 04	4 7			6		6		9
815	0675 T 1 P	0675	0205	2305	30 18 18	5 7	4	8	7		017	0	
815	0675 O 1 P	0675	0205	2309	10 13 13								2
815	0677 T 1 W	0676	0206	0222	30 23 23	5			01		37	0	
815	0679 T 1 P	0679	0206	0545	30 20 20	1 3 5							
815	0687 T 1 W	0680	0206	0859	30 23 23	1 3		8	6		0	6	812
815	0687 O 1 W	0687	0206	1858	30 05 05	4			06			0	9
815	0689 T 1 P	0688	0206	2208	30 22 22	1 5		5			7	0	
815	0689 O 1 P	0689	0206	2218	30 08 08	5 7			6		0		29
815	0691 T 1 W	0690	0207	0131	30 21 21	5			0		3	0	
815	0693 T 1 F	0693	0207	0459	30 20 16	3 5			3		36	6	
815	0701 O 1 W	0701	0207	1808	10 04 04	4			06		6		9
815	0701 T 1 W	0694	0207		30 08 08								
816	0702 T 1 W	0701	0207	1945	30 18 18	45 7		8	7		7	0	9
816	0702 O 1 W	0702	0207	1953	10 03 03	4 7	1						
816	0709 T 1 P	0708	0208	0549	30 18 18	3			6				9
816	0716 T 1 W	0714	0208	1539	30 21 21	34			6		6	06	
816	0716 O 1 W	0716	0208	1904	30 02 02	4 7			6			0	
816	0718 O 1 P	0718	0208	2221	30 05 05	5 7			6				29
816	0718 T 1 P	0717	0208	2036	30 17 17	5 7			6		6	0	9
816	0720 T 1 W	0719	0208	2354	30 23 23	5			0		3	02	
816	0722 T 1 F	0721	0209	0318	30 21 21	5 7	02		0		267		
816	0730 T 1 W	0723	0209		30 06 06								
816	0730 O 1 W	0730	0209	1810	30 06 06				06		6	0	
816	0732 T 1 P	0731	0209	1948	30 21 21	45 7			6		67	0	18
816	0732 O 1 P	0732	0209	2129	30 06 06	5 7			6				29
816	0734 T 1 W	0733	0209	2306	30 21 21	5 7			0		3		
816	0736 T 1 F	0735	0210	0228	30 22 22	5 7	024		19		267		
816	0744 O 1 W	0744	0210	1720	10 12 12	4			06				
816	0745 O 1 W	0745	0210	1903	30 08 08	4							
816	0745 T 1 W	0745	0210	1858	30 14 14	4 7	0		6			0	148
816	0748 T 1 W	0746	0210	2213	30 23 23	5 7			76		3		9
816	0750 T 1 W	0749	0211	0143	30 07 07	5	00		01		2		
816	0752 T 1 P	0751	0211	0458	30 19 19	3			6		246		148
816	0758 T 1 W	0753	0211	0815	30 24 24	1 3			7		7	0	18
816	0761 O 1 P	0761	0211	2132	30 05 05	5 7			2				129
816	0761 T 1 P	0760	0211	2123	30 17 17	1 5		8			27	0	
816	0764 T 1 W	0763	0212	0047	30 23 23	5	02		046		1	24	
817	0766 T 1 P	0765	0212	0407	30 20 20	3 5			6		26		2348
817	0773 T 1 W	0771	0212	1400	30 19 19	34			06				
817	0774 T 1 W	0773	0212	1736	30 05 05	4	0				2	46	9
817	0788 T 1 W	0787	0213	1639	30 13 13	4	1				0		09
817	0789 T 1 P	0788	0213	1821	30 03 03	4					04		19
817	0801 T 1 W	0791	0213	2306	30 18 18	5			1			4	
817	0802 T 1 W	0801	0214	1554	30 10 10	4	3		4				
817	0803 T 1 W	0802	0214	1730	30 08 08	4 7							09
817	0816 T 1 W	0803	0514	2035	30 20 20	1 5		8			3		
817	0817 T 1 W	0816	0215	1651	30 10 10	4 7			6				1239
817	0818 T 1 P	0817	0215	1829	30 02 02	7							
817	0830 T 1 W	0820	0215	2311	30 24 24	6	0		67				138
817	0831 T 1 W	0830	0216	1717	30 22 22	5			67			017	68
817	0832 T 1 P	0831	0216	1900	30 14 14	5 7		8			2	0	8
817	0844 T 1 W	0834	0216	2223	30 20 20	5			06		6	5	129
817	0845 T 1 W	0844	0217	1634	30 14 14	5 7			1			0	29
817	0846 T 1 W	0845	0217	1800	30 08 08								
817	0859 T 1 W	0848	0217	2131	30 19 19	5	12		046				
817	0859 O 1 W	0859	0218	1546	10 09 09	7	21		06		1	2	49
818	0860 O 1 W	0860	0218	1729	10 12 12								
818	0860 T 1 W	0859	0218	1715	30 15 13								
818	0861 O 1 P	0861	0218	1906	10 13 13	5 7			1				29
818	0861 T 1 P	0861	0218	1902	30 09 09	5					0		
818	0873 O 1 W	0873	0219	1453	10 03 03	4 7			0		0		
818	0874 T 1 W	0873	0219	1628	30 07 07	4 7						5	349
818	0874 O 1 W	0874	0219	1639	30 22 22	4 7						5	349
818	0875 O 1 P	0875	0219	1815	10 12 12	5 7							29
818	0875 T 1 P	0875	0219	1818	30 10 10	5							
818	0888 T 1 W	0877	0219	2135	30 21 21	5 7	02		0346		16	24	9
818	0888 O 1 W	0888	0220	1548	10 24 24	7					5		149
818	0891 T 1 F	0889	0220	1902	30 14 14	5			07		067		9
818	0891 O 1 F	0891	0220	2052	10 11 11	7			0		4	5	12
818	0894 T 1 P	0893	0221	0013	30 17 17	3 5 7			7		2		8123

REEL	FILM LEGEND	PICTURE SEQUENCE DATA														
		PICTURE TAKING				FRAME TI US +	GEOGRAPHICAL AREA COVERED OI 2 3 4 5 6 7 8 9	METEOROLOGICAL AND OTHER FEATURES								
		PASS	MIDPOINT		EXTROP CIRC.			TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS				
			DATE	TIME						TABLE (1)	TABLE (2)		TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
818	0902 T 1 W	0896	0221	0512	30 17 17	3				6						42
818	0902 D 1 W	0902	0221	1457	10 18 18	4 7								0		29
818	0904 T 1 P	0903	0221	1634	30 26 26	5 7						6				19
818	0904 D 1 P	0904	0221	1817	10 18 18	5 7										128
818	0906 T 1 W	0905	0221	1955	30 32 32	5 7								09		29
818	0916 T 1 W	0907	0221	2313	30 27 27	5			8	16						19
818	0916 D 1 W	0916	0222	1408	10 12 12					6		0		0		129
818	0918 T 1 P	0917	0222	1545	30 31 31	1 5 7	3		3	1						418
818	0918 D 1 P	0918	0222	1726	10 23 23	5 7						4				291
818	0920 T 1 W	0919	0222	1907	30 31 31	5 7				06				40		29
818	0930 T 1 W	0921	0222	2224	30 32 32	5			7	61		2		40		18
818	0930 D 1 W	0930	0223	1317	10 18 18	4 7				6		0		02		9
819	0932 T 1 P	0930	0223	1453	30 32 32	1 5 7						45				19
819	0932 D 1 P	0932	0223	1636	10 24 24	5 7						6				29
819	0935 T 1 W	0934	0223	1957	30 32 32	5 7			8	06				2		29
819	0945 T 1 W	0936	0223	2315	30 32 32	1 3 5				6		6305		06		019
819	0945 D 1 W	0945	0224	1408	10 24 24	4 7				13				725		18
819	0947 T 1 P	0946	0224	1550	30 32 32	5 7				6		4				1234
819	0947 D 1 P	0947	0224	1734	10 24 24	5			4			046		4		
819	0949 T 1 W	0948	0224	1909	30 32 32	5 7				0		36		9		124
819	0959 T 1 W	0950	0224	2234	30 25 32	3 5 7				4		06		0		239
819	0960 T 1 W	0959	0225	1328	30 32 32	34 7				4		6				8
819	0961 T 1 P	0960	0225	1510	30 32 32	1 34	40			1		01				149
819	0962 T 1 P	0961	0225	1648	30 31 31	4 7	40			0						1349
819	0962 D 1 P	0962	0225	1822	10 12 12	5										29
819	0964 D 1 F	0964	0225	2147	10 24 24	5 7				0		1				91
819	0964 T 1 F	0963	0225	2000	30 32 32	5 7	01			0169		37				0123
819	0965 T 1 F	0965	0225	2322	30 25 25	3 5 7				1		46		35		0123
819	0965 D 1 F	0965	0225	2332	10 16 16	5 7				0						129
819	0966 T 1 P	0966	0226	0103	30 31 31	3 5 7	02			02		46				1348
819	0973 T 1 W	0972	0226	1059	30 32 32	34	0			06		36		064		148
819	0974 T 1 W	0973	0226	1240	30 32 32	34 7	4			1		0		0		148
819	0974 D 1 W	0974	0226	1410	10 06 06	4 7				06						19
820	0975 T 1 P	0974	0226	1425	30 32 32	34 7	4			6		16		4		9037
820	0976 T 1 P	0975	0226	1600	30 32 32	4 7	0					16		4		9134
820	0977 T 1 F	0976	0226	1741	30 31 31	45 7	1			1		31		4		8431
820	0977 D 1 F	0977	0226	1915	10 06 06	5 7				7		35				92
820	0978 D 1 F	0978	0226	2102	10 16 16	7	1			1		5				4129
820	0979 T 1 F	0978	0226	2052	30 32 32	3 5 7				06		36		26		129
820	0979 D 1 F	0979	0226	2239	10 25 25	5 7	4			6		563		5		8123
820	0981 T 1 P	0980	0227	0017	30 31 31	3 5 7	24			06		46				1349
820	0987 T 1 W	0983	0227	0514	30 32 32	3						06				1235
820	0989 T 1 P	0988	0227	1336	30 32 32	34				7		1				9023
820	0990 T 1 P	0989	0227	1523	30 23 22	34	0									2
820	0990 D 1 P	0990	0227	1644	10 13 13	7						4				29
820	0992 D 1 F	0992	0227	2006	10 24 24	5 7	2			2		465				1239
820	0992 D 1 W	0992	0227	2020	10 24 24	4 7				6						1348
820	0993 D 1 F	0993	0227	2148	10 25 25	3 5 7	2			2		45				1239
820	0995 T 1 P	0994	0227	2328	30 20 20	5 7	2			0		2				29
820	1002 T 1 W	1001	0228	1104	30 32 32	34	0			9		06				1249
820	1003 D 1 W	1003	0228	1412	30 02 02											
820	1003 T 1 W	1003	0228		30 03 03											
820	1003 D 1 W	1003	0228	1417	V 11 11	7										1248
820	1007 D 1 F	1007	0228	2057	10 09 09	5 7	1					6				1239
821	1008 T 1 F	1007	0228	2113	30 12 12	7	4			1						1249
821	1008 D 1 F	1008	0228	2238	10 06 06	5 7						6				1238
821	1008 D 1 F	1008	0228	2245	10 22 22	7				2		6				0129
821	1009 D 1 P	1009	0229	0032	10 18 18	5 7				07		01				
821	1016 T 1 W	1014	0229	0839	30 31 31	34				6						14
821	1017 T 1 W	1016	0229	1202	30 32 32	1 3						06		5		129
821	1020 T 1 F	1019	0229	1659	30 32 32	34 67	0			27		6		4		1239
821	1020 D 1 F	1020	0229	1827	10 06 06	5 7	0			1						0129
821	1021 T 1 F	1020	0229	1840	30 18 18	4 7				0		3				129
821	1021 D 1 F	1021	0229	2008	10 21 21	5 7	3					46				0138
821	1022 T 1 F	1021	0229	2020	30 31 31	4 7	0			02		3				1248
821	1023 T 1 P	1022	0229	2200	30 29 29	4 7	24			06		06		15		149
821	1023 D 1 P	1023	0229	2342	10 24 24	5 7				0		6				29
821	1030 T 1 W	1025	0301	0257	30 32 32	3 5				0		3		4		1389
821	1031 T 1 W	1030	0301	1118	30 30 30	3										129
821	1032 T 1 P	1031	0301	1256	30 24 24	1 3 6						5				92
821	1033 T 1 P	1031	0301	1249	30 06 06	34	12			1						1
821	1035 T 1 F	1034	0301	1754	30 32 32	4 78	1			02		6				129
821	1035 D 1 F	1035	0301	1918	10 09 09	5 7						4				0128
821	1036 T 1 F	1035	0301	1934	30 31 31	4 7				0		63		4		1248
821	1036 D 1 F	1036	0301	2105	10 23 23	5 7						4				0129
821	1037 T 1 F	1036	0301	2117	30 26 24	4 7				1						149
821	1037 D 1 F	1037	0301	2241	10 09 09	5 7						4				1239
822	1038 T 1 P	1037	0301	2253	30 31 31	45 7						06				129
822	1038 D 1 P	1038	0302	0035	10 21 21	5				0		124				
822	1046 T 1 W	1039	0302	0211	30 31 31	3 5	0		3	3		07		048		
822	1049 T 1 F	1046	0302	1349	30 11 11	3 6						6				8

REEL	FILM LEGENO	PICTURE SEQUENCE DATA													
	PASS M C S	PICTURE TAKING			FRAME TI US +	GEOGRAPHICAL AREA COVERED OI 2 3 4 5 6 7 8 9	METEOROLOGICAL AND OTHER FEATURES								
		PASS	MIPOINT				EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
			DATE	TIME						TABLE (1)	TABLE (2)		TABLE (3)	TABLE (4)	TABLE (5)
822	1050 0 1 F	1050	0302	2008	10 01 01	5	1					46			0129
822	1050 0 1 F	1050	0302	2014	10 27 27	7									
822	1051 0 1 F	1051	0302	2152	10 20 20	5 7									0 29
822	1052 T 1 P	1051	0302	2205	30 31 31	4 7						10	16		12
822	1052 0 1 P	1052	0302	2342	10 03 03	5 7									
822	1052 0 1 P	1052	0302	2346	10 27 27	5 7				1					9
822	1059 T 1 W	1054	0303	0303	30 32 32	3 5	0			06		237			1358
822	1060 T 1 W	1059	0303	1120	30 32 32	1 3				1		1	0		129
822	1061 T 1 P	1060	0303	1259	30 32 32	1 3							5		29
822	1063 T 1 F	1062	0303	1617	30 32 32	4 6	1			0		356			8
822	1064 T 1 F	1063	0303	1757	30 32 32	4 7	0	8		0		46	0		19
822	1065 T 1 F	1064	0303	1937	30 32 32	4 7	4			0		6			1279
822	1066 T 1 F	1065	0303	2116	30 32 32	4 78				1		567			1249
822	1073 T 1 W	1069	0304	0351	30 32 32	3 5	0			06		367	0		18
822	1074 T 1 W	1073	0304	1030	30 32 32	1 3									129
823	1075 T 1 P	1074	0304	1210	30 32 32	1 3	1					7			128
823	1076 T 1 P	1075	0304	1331	30 17 17	4 7	2			0		246			039
823	1077 T 1 F	1076	0304	1528	30 31 31	4 6		8		2		4 6	04		9
823	1078 T 1 F	1077	0304	1709	30 32 32	4 6	0	8		02		2 6	360		18
823	1079 T 1 F	1078	0304	1852	30 22 22	2 4	1			49			0		
823	1080 T 1 F	1079	0304	2028	30 32 32	4 78				01		56	5		248
823	1081 T 1 P	1080	0304	2205	30 32 32	5 7		6		610		26	4		12
823	1081 0 1 P	1081	0304	2346	10 21 21	5 7				0		14			29
823	1088 T 1 W	1083	0305	0304	30 19 19	3 5	01			0			04		18
823	1089 T 1 W	1088	0305	1121	30 32 32	1 3									1248
823	1090 T 1 P	1089	0305	1300	30 32 32	1 3 6				6		0	5		8
823	1092 T 1 F	1091	0305	1622	30 32 32	2 4 6	3			02		126	0		8
823	1093 T 1 F	1092	0305	1758	30 29 29	2 4						0126			13
823	1094 T 1 F	1093	0305	1938	30 32 32	4 78				167		0124	5		148
823	1095 T 1 P	1094	0305	2118	30 32 32	4 5 7	4			1067		1	12		12
823	1095 0 1 P	1095	0305	2256	10 24 24	5 7				1		26			129
823	1102 T 1 W	1097	0306	0215	30 32 32	3 5				0		3			8
824	1103 T 1 W	1102	0306	1035	30 32 32	1 3							0		128
824	1104 T 1 P	1103	0306	1215	30 32 32	1 3		8				7	5		28
824	1105 T 1 P	1104	0306	1353	30 31 31	34 6				6		01	05		128
824	1106 T 1 F	1105	0306	1531	30 32 32	2 4 6	12			04		0146			8
824	1107 T 1 F	1106	0306	1709	30 32 32	4 7	2			04		0167	6		1394
824	1107 0 1 W	1107	0306	1851	V 21 21	4		6		0		02	0		
824	1109 T 1 F	1108	0306	2028	30 32 32	4 78				169		0146	56		1248
824	1116 T 1 W	1111	0307	0126	30 32 32	3 5 7	02			06		027	06		18
824	1117 T 1 W	1116	0307	0946	30 32 32	1 3		6		6					18
824	1118 T 1 P	1117	0307	1126	30 32 32	1 3		8				47	0		812
824	1120 T 1 F	1119	0307	1440	30 32 32	34 6	4			06		0	05		19
824	1121 T 1 F	1120	0307	1620	30 32 32	4 67	2			4		06			138
824	1122 T 1 F	1121	0307	1800	30 32 32	4 7				06		5			0148
824	1123 T 1 F	1122	0307	1939	30 32 32	4 78		5		061		0145			1248
824	1124 T 1 P	1123	0307	2122	30 32 32	1 5 7		8		6		567	0		19
824	1124 0 1 P	1124	0307	2258	10 15 15	5						016			
824	1131 T 1 W	1126	0308	0216	30 32 32	3 5	02	78		06		72	0		138
825	1132 T 1 W	1131	0308	1036	30 32 32					6		7	0		1248
825	1133 T 1 P	1132	0308	1215	30 32 32	1 3 6				6		7	0		28
825	1135 T 1 F	1134	0308	1531	30 32 32	4 6	4			0479		0145	23		038
825	1136 T 1 F	1135	0308	1710	30 32 32	4 7		6		01		01 6			138
825	1137 T 1 F	1136	0308	1849	30 32 32	4 7				13		0167	4		148
825	1138 T 1 P	1137	0308	2030	30 32 32	4 78		8		6		06	05		28
825	1138 0 1 P	1138	0308	2208	10 24 24	5 7				0		016			28
825	1145 T 1 W	1140	0309	0134	30 32 32	1 5	4			0		7	0		
825	1146 T 1 W	1145	0309	0947	30 32 32	1 3		8		7		7	0		148
825	1147 T 1 P	1146	0309	1127	30 32 32	1 3		76		6		7	0		912
825	1148 T 1 P	1147	0309	1305	30 32 32	1 3 6	4			6		7	03		912
825	1149 T 1 F	1148	0309	1442	30 32 32	4 6	4		04			1206			358
825	1150 T 1 F	1149	0309	1621	30 32 32	4 7		8		06		1026	0		1348
825	1151 T 1 F	1150	0309	1800	30 32 32	4 7		6		0		0567			1234
825	1152 T 1 P	1151	0309	1940	30 31 31	4 78		5		0		67	0		29
825	1152 0 1 P	1152	0309	2118	10 24 24	5 7						06	05		28
825	1159 T 1 W	1154	0310	0037	30 32 32	3 5				6		7	0		138
826	1160 T 1 W	1159	0310	0900	30 31 31	1 3		1		7		7	02		8
826	1161 T 1 P	1160	0310	1035	30 27 27	1 3	4			01		67	0		129
826	1162 T 1 P	1161	0310	1215	30 25 25	34 6	4			15		16			29
826	1163 T 1 F	1162	0310	1352	30 29 29	4 6				6		0136			
826	1164 T 1 F	1163	0310	1535	30 28 28	4 6		4		0		026	0		9
826	1165 T 1 F	1164	0310	1710	30 28 28	4 7				07		01	26		1238
826	1166 T 1 F	1165	0310	1850	30 26 26	4 7				1		015			1248
826	1167 T 1 P	1166	0310	2030	30 25 25	5 7				6		06	0		29
826	1167 0 1 P	1167	0310	2210	10 17 17	5						01			
826	1174 T 1 W	1169	0311	0134	30 21 21	1 5		8					0		
826	1175 T 1 P	1174	0311		30 02 02										
826	1176 T 1 P	1175	0311	1150	30 00 00										
826	1178 T 1 F	1177	0311	1447	30 18 18	2 4 6		8				46	8		9
826	1179 T 1 F	1178	0311	1621	30 32 32	4 7	1			209		2156	23		148
826	1180 T 1 F	1179	0311	1801	30 32 32	4 78		8		01		7	0		148

REEL	FILM LEGENO	PICTURE SEQUENCE DATA													
	PASS M C S	PICTURE TAKING			FRAME TI US +	GEOGRAPHICAL AREA COVERED				METEOROLOGICAL AND OTHER FEATURES					
		PASS	MIOPOINT			OI 2 3 4 5 6 7 8 9	EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
			OATE	TIME						TABLE (1)	TABLE (2)		TABLE (3)	TABLE (4)	TABLE (5)
826	1181 T 1 F	1180	0311	1943	30 32 32	1 4 78	124		04			67			29
826	1189 T 1 W	1188	0312	0901	30 25 25	1 3		08				07	0		8
826	1190 T 1 P	1189	0312	1039	30 17 19	1 3		8				6	7	0	8
827	1191 T 1 P	1190	0312	1213	30 25 23	34 6	4		2			67			29
827	1192 T 1 F	1191	0312	1352	30 29 29	4 67			1			3	06		138
827	1193 T 1 F	1192	0312	1532	30 27 27	4 7	1	0	01			0135	0234		8234
827	1194 T 1 F	1193	0312	1710	30 32 32	4 78		8	1				5		14
827	1195 T 1 F	1194	0312	1850	30 32 32	45 78	12		01			1035	02		0128
827	1195 D 1 F	1195	0312	2121	10 11 11	5 7						3			230
827	1202 T 1 W	1197	0312	2349	30 30 30	3 5	2	68	0			136	06		8
827	1203 T 1 W	1202	0313	0812	30 28 28	1 3		08				0167	0		8
827	1204 T 1 P	1203	0313	0950	30 27 27	1 3		8	3			7	05		82
827	1205 T 1 P	1204	0313	1134	30 27 27	1 6	0	8				7	0		9
827	1206 T 1 F	1205	0313	1300	30 29 29	4 6						36			038
827	1207 T 1 F	1206	0313	1456	30 17 17	2						67			
827	1208 T 1 F	1207	0313	1620	30 21 21	4 7	4		1			035	4		248
827	1209 T 1 F	1208	0313	1804	30 19 19	4 7	4		0			57	16		824
827	1209 D 1 F	1209	0313	1932	10 12 12	3 5 7	4		1			35			2394
827	1210 T 1 P	1209	0313	1942	30 18 32	5 7							5		19
827	1210 D 1 P	1210	0313	2120	10 05 05	5						6	9		
827	1217 T 1 W	1216	0314	0725	30 28 28	1 3 9		8				07	0		8
828	1218 T 1 P	1217	0314	0901	30 29 29	1 3		8				7	0		812
828	1219 T 1 P	1218	0314	1034	30 31 31	3 6	2		26			67			92
828	1221 T 1 F	1220	0314	1352	30 30 30	4 67	0		0			36			3129
828	1222 T 1 F	1221	0314	1533	30 32 32	4 7	0		0			36			4129
828	1223 D 1 F	1223	0314	1843	10 15 15	5 7						6			028
828	1224 T 1 F	1223	0314	1855	30 30 30	1 45 78		8	01			67	012		29
828	1231 T 1 W	1226	0314	2359	30 27 27	1 5		8	0			107	0		
828	1232 T 1 W	1231	0315	0819	30 28 28	1 3		08				016	0		8
828	1233 T 1 P	1232	0315	0954	30 29 29	1 3 6		8	5			07	0		8
828	1234 T 1 P	1233	0315	1127	30 27 27	34 6	14		147			2	5		289
828	1235 T 1 F	1234	0315	1306	30 31 31	2 4 67	4		21			1367	39		8
828	1236 T 1 F	1235	0315	1502	30 20 18	2	1					7			
828	1237 T 1 F	1236	0315	1624	30 14 14	4 7			012						148
828	1238 T 1 F	1237	0315	1758	30 14 14	5 7			1			4			0248
828	1245 T 1 W	1240	0315	2310	30 29 29	1 5			0			067	0		
828	1246 T 1 W	1245	0316	0726	30 29 29	1 3		08				067	0		8
828	1248 T 1 P	1246	0316	0909	30 30 30	1 3		8				7			9
829	1249 T 1 F	1248	0316	1206	30 31 31	2 4 67	4		026			316			830
829	1250 T 1 F	1249	0316	1356	30 31 31	2 4 7	4	8	0425			1236	349		439
829	1251 T 1 F	1250	0316	1534	30 22 22	4 7			0026			6	015		148
829	1252 T 1 F	1251	0316	1710	30 18 18	45 7	4		016				61		49
829	1253 T 1 P	1252	0316	1914	30 10 10	12 8						46			9
829	1253 D 1 P	1253	0316	2032	10 06 06	5						0			
829	1259 T 1 W	1254	0316	2213	30 31 31	5	04		0			0	0		
829	1261 T 1 P	1260	0317	0819	30 30 30	1 3		8				7			9
829	1262 T 1 P	1261	0317	0952	30 31 31	1 3 6			01			60	0		9
829	1264 T 1 F	1263	0317	1304	30 31 31	4 67	1		016			236			1349
829	1267 T 1 P				30 10 10										
829	1274 T 1 W	1272	0318	0408	30 31 31	1 3 5 9		8				0	06		
829	1275 T 1 W	1274	0318	0728	30 31 31	1 3		8	0			01	0		9
829	1276 T 1 P	1275	0318	0908	30 31 31	1 3 6		8	61			07	0		9
829	1278 T 1 F	1277	0318	1215	30 31 31	4 6	0		12			2046	3		248
829	1279 T 1 F	1278	0318	1355	30 25 25	4 7			12			067			149
829	1280 T 1 F	1279	0318	1531	30 20 20	4 7			02			6			149
829	1281 T 1 F	1280	0318	1714	30 20 20	4 78	4		1						129
830	1288 T 1 W	1286	0319	0318	30 31 31	1 3 5 9		6				0	06		
830	1289 T 1 W	1288	0319	0638	30 31 31	1 3		37	7			07	0		95
830	1290 T 1 P	1289	0319	0809	30 32 32	1 3 6						0	5		8
830	1293 T 1 F	1292	0319	1334	30 07 03	2			0			0			
830	1294 T 1 F	1293	0319	1446	30 32 32	4 7		8	20			067	0		1458
830	1295 T 1 F	1294	0319	1625	30 32 32	4 78	2		024			067	19		0129
830	1302 T 1 W	1297	0319	2124	30 32 32	1 5	012	8	0			01	0		
830	1303 T 1 W	1302	0320	0543	30 32 32	1 3							0		138
830	1304 T 1 P	1303	0320	0720	30 29 29	1 3 6						67			58
830	1305 T 1 P	1304	0320	0902	30 32 32	3 6		8				67	0		58
830	1307 T 1 F	1306	0320	1217	30 32 32	2 4	1		012			367	0		19
830	1308 T 1 F	1307	0320	1356	30 32 32	4 7			0			167	09		1469
830	1309 T 1 F	1308	0320	1536	30 32 32	4 78	4	8	02			7	01		129
830	1310 T 1 P	1309	0320	1714	30 32 32	5 7	4		06			24	4		259
830	1310 D 1 P	1310	0320	1853	10 12 12	5			0			0			
830	1317 T 1 W	1311	0320	2035	30 32 32	1 5	0	6	04			01	0		
830	1318 T 1 W	1317	0321	0633	30 32 32	1 3							0		1289
831	1319 T 1 P	1318	0321	0812	30 32 32	3 6						6	05		28
831	1321 T 1 F	1320	0321	1130	30 32 32	2 4 6	1	8	0			045	03		8
831	1322 T 1 F	1321	0321	1309	30 32 32	2 4 7		8	0			26	0		149
831	1323 T 1 F	1322	0321	1449	30 31 31	4 78	2		02			067			148
831	1324 T 1 P	1323	0321	1628	30 32 32	5 7 9		1	1				6		9
831	1324 D 1 P	1324	0321	1802	10 12 12	5						06			
831	1331 T 1 W	1326	0321	2127	30 32 32	1 5			0				0		
831	1332 T 1 W	1331	0322	0548	30 32 32	1 3						37	4		9

REEL	FILM LEGENO	PICTURE SEQUENCE DATA													
		PICTURE TAKING			FRAME	GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES								
			MIOPOINT				EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
			PASS	DATE						TIME	TI US +		TABLE (1)	TABLE (2)	TABLE (3)
	PASS M C S	PASS	DATE	TIME	TI US +	O I 2 3 4 5 6 7 8 9	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)			
831	1333 T 1 P	1332	0322	0724	30 32 32	1 3 6				67	0	8			
831	1335 T 1 F	1334	0322	1040	30 32 32	2 4 6				6745	8	8			
831	1336 T 1 F	1335	0322	1220	30 32 32	4 7				236	0	139			
831	1337 T 1 F	1336	0322	1359	30 30 30	4 7	2			04	167	4 9			
831	1338 T 1 F	1337	0322	1539	30 24 24	4 7				7	013	2 9			
831	1345 T 1 W	1340	0322	2037	30 32 32	1 5				1	1	0			
831	1346 T 1 W	1345	0323	0459	30 31 32	1 3					367	0	589		
831	1347 T 1 P	1346	0323	0636	30 32 32	1 3 6		8			67	0	58		
831	1348 T 1 P	1347	0323	0828	30 24 18	1 6		6			067	0	8		
832	1350 T 1 F	1349	0323	1132	30 32 32	2 4			10		07	09			
832	1351 T 1 F	1350	0323	1338	30 28 28	4 7	2		02		016		29		
832	1352 T 1 F	1351	0323	1450	30 20 20	4 78					16		9		
832	1353 T 1 P	1352	0323	1634	30 17 32	5 7						5	9		
832	1353 D 1 P	1353	0323	1805	10 12 12	5			7		02				
832	1360 T 1 W	1355	0323	2128	30 32 32	1 5		8	1		7	0			
832	1361 T 1 W	1360	0324	0544	30 32 32	1 3 6					7	0	29		
832	1362 T 1 P	1361	0324	0724	30 32 32	1 3 6	4				6	039	82		
832	1364 T 1 F	1363	0324	1042	30 32 32	2 4			06		017	2	8		
832	1365 T 1 F	1364	0324	1222	30 32 32	2 4			0		017	0	9		
832	1366 T 1 F	1365	0324	1402	30 32 32	4 78			0147		0147	02	9		
832	1367 T 1 P	1366	0324	1541	30 31 32	1 5 89			8		5	0	9		
832	1367 D 1 P	1367	0324	1715	10 18 18	5					0				
832	1374 T 1 W	1369	0324	2039	30 32 32	1 5			06		07	0			
832	1375 T 1 W	1374	0325	0457	30 32 32	1 3 6					7	0	9		
832	1377 T 1 P	1375	0325	0636	30 32 32	1 3 6	4				67	39	28		
832	1378 T 1 F	1377	0325		30 06 06										
832	1380 T 1 F	1378	0325	1135	30 25 25	4		5	0		013				
833	1381 T 1 F	1380	0325	1453	30 32 32	78		6	16		0147	0	8		
833	1388 T 1 W	1381	0325	1632	30 32 32	1 5 7					07	0	9		
833	1389 T 1 W	1388	0326	0408	30 32 32	1 3					7	0	9		
833	1391 T 1 P	1389	0326	0545	30 32 32	1 3	4	7			67	5	128		
833	1393 T 1 F	1392	0326	1045	30 32 32	2 4		6	06		067	03	9		
833	1394 T 1 F	1393	0326	1225	30 32 32	2 4 8		6	7		05	26	8		
833	1395 T 1 F	1394	0326	1404	30 32 32	4 78			0		0167	0	18		
833	1396 T 1 P	1395	0326	1558	30 32 19	12 8			6		0	0	9		
833	1396 D 1 P	1396	0326	1717	10 12 12	5	2		4						
833	1403 T 1 W	1398	0326	2042	30 32 32	1 5		68	7		17	02			
833	1405 T 1 P	1403	0327	0505	30 32 32	1 3		38	57		07	269	9		
833	1407 T 1 F	1406	0327	0957	30 32 32	2 4 6			016		367	3	9		
833	1408 T 1 F	1407	0327	1137	30 32 32	2 4 78		8	0		67	0			
833	1409 T 1 F	1408	0327	1315	30 32 32	2 4 78		8	0		67	0	9		
833	1410 T 1 F	1409	0327	1455	30 32 32	1 45 78			1		74	6	9		
833	1417 T 1 W	1412	0327	1953	30 32 32	1 5					017	0			
833	1419 T 1 P	1417	0328	0412	30 32 32	1 3		8			067	0	9		
834	1421 T 1 F	1420	0328	0909	30 32 32	2 4 6		8	1		16	3	9		
834	1422 T 1 F	1421	0328	1048	30 32 32	2 4 8		8	0		017	2	9		
834	1423 T 1 F	1422	0328	1227	30 32 32	2 4 78		8	06				9		
834	1424 T 1 F	1423	0328	1407	30 32 32	1 45 78		8	01		7		9		
834	1431 T 1 W	1426	0328	1905	30 32 32	1 5					7	0			
834	1432 T 1 W	1431	0329	0321	30 32 32	1 3		67			07	0	9		
834	1434 T 1 P	1432	0329	0500	30 30 30	1 3		8	57		7	0	9		
834	1436 T 1 F	1435	0329	0959	30 32 32	2 4		8			6	0			
834	1437 T 1 F	1436	0329	1138	30 32 32	2 4 8					67		9		
834	1438 T 1 F	1437	0329	1318	30 32 32	45 78		8	1		67	0	9		
834	1439 T 1 P	1438	0329	1458	30 32 32	1 5 7					27		9		
834	1446 T 1 W	1441	0329	1955	30 32 32	1 5		8	0		06	0			
834	1448 T 1 P	1447	0330	0550	30 32 32	1 6			51		7	0	9		
834	1450 T 1 F	1449	0330	0913	30 32 32	2 4 6	4	8	7		0146	4	9		
834	1451 T 1 F	1450	0330	1050	30 32 32	2 4 8	4	8	7		0167	20	9		
834	1452 T 1 F	1451	0330	1231	30 32 32	2 4 78			1		7	0			
835	1453 T 1 P	1452	0330	1411	30 32 32	1 5 78		8			60	03	9		
835	1460 T 1 W	1459	0331	0145	30 32 32	1 3 9	2		4		06	0	9		
835	1462 T 1 P	1460	0331	0326	30 32 32	1		5			167	0	8		
835	1464 T 1 F	1463	0331	0825	30 32 32	2 4 6		8	0		167	0	8		
835	1465 T 1 F	1464	0331	1005	30 32 32	2 4 8		6	0		067	0	9		
835	1466 T 1 F	1465	0331	1143	30 32 32	2 4 8		4	0		0	0	9		
835	1467 T 1 F	1466	0331	1324	30 31 31	12 45 78	1	8	1		067	0	8		
835	1474 T 1 W	1473	0401	0059	30 32 32	1 3 9	0				06	09			
835	1475 T 1 W	1474	0401	0237	30 32 32	1 3 9		8	1		07	09			
835	1477 T 1 P	1475	0401	0419	30 32 32	1 3 6		2	9		7		9		
835	1479 T 1 W	1478	0401	0916	30 32 32	2 4		8	09		0	0			
835	1480 T 1 W	1479	0401	1056	30 32 32	2 4 8			0		07	2			
835	1481 T 1 F	1480	0401	1235	30 32 32	12 45 78		8467					9		
835	1482 T 1 P	1481	0401	1415	30 32 32	1 5 8			0		457		9		
835	1489 T 1 W	1487	0402	0011	30 32 32	1 3 9					067	0	9		
835	1491 T 1 P	1490	0402	0510	30 32 32	1 6		8					9		
836	1493 T 1 W	1492	0402	0828	30 32 32	2 4	4	8	1		0127	04			
836	1494 T 1 W	1493	0402	1008	30 32 32	2 4		8	0		07	0			
836	1495 T 1 F	1494	0402	1148	30 32 32	2 8	4	6	1			0			
836	1496 T 1 F	1495	0402	1327	30 32 32	12 5 8		8	1		67		89		
836	1503 T 1 W	1499	0402	2004	30 32 32	1 5	1		4		0	0			

REEL	FILM LEGEND	PICTURE SEQUENCE DATA													
		PICTURE TAKING				FRAME	GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES							
		PASS	MIDPOINT		EXTROP CIRC.			TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
			DATE	TIME						TABLE(4)	TABLE(5)		TABLE(6)		
	PASS M C S	PASS			TI US +	01 2 3 4 5 6 7 8 9	TABLE (1)	TABLE(2)	TABLE(3)	TABLE(4)	TABLE(5)	TABLE(6)			
836	1505 T 1 P	1504	0403	0423	30 32 32	1 6				0167	0	9			
836	1507 T 1 W	1506	0403	0741	30 32 32	2 4 6				0147	0	9			
836	1508 T 1 W	1507	0403	0920	30 32 32	2 4			4	7	0				
836	1509 T 1 F	1508	0403	1100	30 32 32	2 8									
836	1510 T 1 P	1509	0403	1240	30 32 32	12 8	2	8	0	46		1249			
836	1517 T 1 W	1515	0403	2238	30 32 32	1 9	2	6	0	1	0				
836	1518 T 1 W	1518	0404	0157	30 32 32	01		4	0	36	0				
836	1520 T 1 P	1518	0404	0336	30 32 32	01				60					
836	1522 T 1 W	1520	0404	0652	30 12 12	2 6				05		9			
836	1523 T 1 W	1522	0404	1014	30 13 13	2	4		9	6					
836	1524 T 1 F	1523	0404	1154	30 32 32	2 8	1		12						
836	1525 T 1 P	1524	0404	1335	30 32 32	12 8	4			246		9			
837	1531 T 1 W	1527	0404	1831	30 30 30	01	02		047	3	024				
837	1532 T 1 W	1531	0405	0119	30 15 15	01	2		4						
837	1533 T 1 P	1532	0405	0260	30 32 32	01				03					
837	1534 T 1 P	1533	0405	0429	30 32 32	01 6			0			9			
837	1535 T 1 F	1534	0405	0608	30 32 32	12 6			12	346		39			
837	1536 T 1 W	1535	0405	0746	30 32 32	2			07	02					
837	1537 T 1 W	1536	0405	0927	30 32 32	2			0	07	02				
837	1538 T 1 F	1537	0405	1106	30 32 32	0 2 8	012		0	3		37			
837	1539 T 1 P	1538	0405	1246	30 32 32	12 8	2		04	246		9			
837	1546 T 1 W	1544	0405	2244	30 27 27	1 9	0		4	06	0				
837	1547 T 1 W	1546	0406	0203	30 32 32	01			7			0			
837	1548 T 1 P	1547	0406	0343	30 32 32	01			7	6		0			
837	1549 T 1 P	1548	0406	0523	30 32 32	012 6				6		0			
837	1550 T 1 W	1549	0406	0702	30 32 32	012 6	4		1	16	4	9			
837	1551 T 1 W	1550	0406	0842	30 32 32	012	4		0	03	6				
837	1552 T 1 F	1551	0406	1020	30 32 32	0 2	012		1	06		3			
838	1553 T 1 F	1552	0406	1200	30 32 32	0 2 8	01		12	56		31			
838	1560 T 1 W	1558	0406	2157	30 32 31	1 9	1		0	0	6				
838	1561 T 1 W	1560	0407	0116	30 32 31	01			1	3		0			
838	1562 T 1 P	1561	0407	0256	30 32 30	01			0	0		0			
838	1563 T 1 P	1562	0407	0435	30 32 29	01			1	6		90			
838	1564 T 1 W	1563	0407	0614	30 32 30	01 6			0	06	0				
838	1565 T 1 W	1564	0407	0757	30 23 23	012			6	1	6	0			
838	1566 T 1 W	1565	0407	0933	30 32 31	0 2	2		1						
838	1567 T 1 F	1566	0407	1113	30 32 30	0 2	04		12	26		3			
838	1568 T 1 P	1567	0407	1255	30 32 28	2 8	0				53	3			
838	1574 T 1 W	1570	0407		30 09 09										
838	1575 T 1 W	1574	0408	0030	30 32 22	01			9						
838	1576 T 1 P	1575	0408	0209	30 32 29	01	01		01	016		0			
838	1577 T 1 P	1576	0408	0348	30 32 29	01			1	16		9			
838	1578 T 1 F	1577	0408	0528	30 32 28	01	1			26	04				
838	1579 T 1 W	1578	0408	0706	30 32 29	012	1								
839	1580 T 1 W	1579	0408	0846	30 32 30	012	0		06	0		0			
839	1581 T 1 F	1580	0408	1026	30 32 28	0 2	01		1						
839	1582 T 1 P	1581	0408	1156	30 19 19	12 8	2		0	4		9			
839	1589 T 1 W	1584	0408	1704	30 32 32	012					4	0			
839	1590 T 1 W	1589	0409	0123	30 32 32	01			3	01					
839	1591 T 1 P	1590	0409	0300	30 32 26	01			01	60		0			
839	1592 T 1 F	1591	0409	0440	30 31 26	012	01		1	01		0			
839	1594 T 1 W	1593	0409	0759	30 24 24	012	02			01	4	1239			
839	1595 T 1 F	1594	0409	0939	30 31 25	012	01			01					
839	1596 T 1 P	1595	0409	1119	30 31 24	0 2	12		4	3		9			
839	1603 T 1 W	1598	0409	1617	30 32 27	012	1		1						
839	1604 T 1 W	1603	0410	0035	30 32 24	01				012					
839	1605 T 1 P	1604	0410	0214	30 32 26	01	01		0	016	4	0			
839	1606 T 1 P	1605	0410	0354	30 32 25	01	01		0	01	4	0			
839	1607 T 1 W	1606	0410	0533	30 24 24										
839	1609 T 1 W	1608	0410	0848	30 23 26	012									
840	1610 T 1 P	1609	0410	1031	30 32 24	01	124		01						
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840	1619 T 1 P	1618	0411	0127	30 32 25	01	02		01	016		0			
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840	1621 T 1 F	1620	0411	0445	30 30 26	01				0123	4	0			
840	1622 T 1 W	1621	0411	0625	30 32 26	012			7			0			
840	1623 T 1 W	1622	0411	0805	30 32 26	012	24		16			0			
840	1624 T 1 F	1623	0411	0944	30 32 26	012			1	2	3	09			
840	1625 T 1 P	1624	0411	1123	30 32 28	0 2	0		0						
840	1632 T 1 W	1627	0411	1621	30 32 28	012	12		04	12	4				
840	1633 T 1 W	1632	0412	0039	30 32 28	01	12		04	1					
840	1634 T 1 P	1633	0412	0218	30 32 29	01	0		01	016		0			
840	1635 T 1 F	1634	0412	0357	30 32 29	01			0	016	3	0			
840	1636 T 1 W	1635	0412	0538	30 32 28	01	9		07		2	0			
840	1637 T 1 W	1636	0412	0717	30 32 32	01	4		01	2		0			
841	1638 T 1 F	1637	0412	0856	30 32 29	012			1	016		0			
841	1639 T 1 P	1638	0412	1040	30 32 20	012			0	2					
841	1646 T 1 W	1641	0412	1534	30 32 29	012			9			0			
841	1647 T 1 W	1646	0412	2352	30 32 29	01	02		046	012	4				
841	1648 T 1 P	1647	0413	0131	30 32 32	01	02		01	016		0			

REEL	FILM LEGENO	PICTURE SEQUENCE DATA												
	PASS M C S	PICTURE TAKING			FRAME TI US +	GEOGRAPHICAL AREA COVERED 01 2 3 4 5 6 7 8 9	METEOROLOGICAL AND OTHER FEATURES							
		PASS	MIPOINT				EXTROP CIRC.	TROP. DISTURB.	BANDS TABLE (3)	CLOUD FEATURES		MISCEL- LANEOUS TABLE (6)		
			DATE	TIME						TABLE (4)	TABLE (5)			
841	1649 T 1 P	1648	0413	0312	30 32 28	01		4		01	01		09	
841	1650 T 1 W	1649	0413	0451	30 32 28	01	9					0	0	
841	1651 T 1 W	1650	0413	0631	30 32 28	01				03	23		9	
841	1652 T 1 F	1651	0412	0810	30 32 28	012		02		04	0		0	
841	1653 T 1 P	1652	0413	0950	30 32 28	012				67			9	
841	1660 T 1 W	1655	0413	1448	30 32 29	0 2				1	0	6	19	
841	1661 T 1 W	1660	0413	2305	30 32 29	01				067	012	06		
841	1662 T 1 P	1661	0414	0044	30 32 31	01				01	026	0	03	
841	1663 T 1 P	1662	0414	0224	30 32 31	01				1	026	0	03	
841	1664 T 1 W	1663	0414	0403	30 29 31	01	9	2		4	3	03	9	
841	1666 T 1 W	1665	0414	0721	30 32 32	01				07	36	0	9	
842	1667 T 1 F	1666	0414	0902	30 32 32	01		13		04		3	9	
842	1668 T 1 P	1667	0414	1042	30 32 32	012		4		07	0			
842	1675 T 1 W	1673	0414	2036	30 32 32	01		4		0	13			
842	1676 T 1 W	1675	0414	2356	30 32 32	1					067			
842	1677 T 1 P	1676	0415	0137	30 32 32	1	9	2		41	0127			
842	1679 T 1 W	1678	0415	0455	30 32 32	01				0	3	4		
842	1680 T 1 W	1679	0415	0634	30 32 32	01	9			0	21		9	
842	1681 T 1 F	1680	0415	0814	30 32 32	01		12		04	7	60	9	
842	1682 T 1 P	1681	0415	0953	30 32 32	12		2		0	0127			
842	1689 T 1 W	1687	0415	1948	30 32 32	01	8	4		06	016	0	9	
842	1691 T 1 P	1689	0415	2310	30 32 32	1		4			6			
842	1693 T 1 W	1692	0416	0408	30 32 32	1	9			0	1	0		
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842	1695 T 1 F	1694	0416	0727	30 32 32	01	9		8	09	3	09		
842	1696 T 1 P	1695	0416	0910	30 32 32	1		2	8	04	0126	0		
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843	1705 T 1 P	1704	0416	0003	30 32 32	1	5		8	0	067	0		
843	1706 T 1 P	1705	0417	0143	30 32 32	1	9	2		0	067	03	9	
843	1708 T 1 F	1706	0417	0322	30 32 32	1	5	9		0	067	0		
843	1709 T 1 W	1708	0417	0640	30 32 32	1	9		8			0	9	
843	1710 T 1 F	1709	0417	0820	30 32 32	1	3	4		8	0139	267	0239	
843	1711 T 1 P	1710	0417	0959	30 32 32	1			8	17	016	0		
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843	1719 T 1 W	1718	0417	2314	30 32 32	1	5	2	8	0	0			
843	1720 T 1 P	1719	0418	0054	30 32 32	1	5	2	8		7	0		
843	1722 T 1 W	1720	0418	0234	30 32 32	1	5	9			07	0		
843	1723 T 1 W	1722	0418	0554	30 32 32	1	5	9	6			09		
843	1724 T 1 F	1723	0418	0734	30 32 28	1		4		029	1267	234	9	
843	1725 T 1 P	1724	0418	0913	30 32 30	1	5		8	1471	2 0			
843	1732 T 1 W	1730	0418	1907	30 32 32	1	8		5	1	40	0	29	
843	1733 T 1 W	1732	0418	2235	30 14 32	1	5			1	0	0		
843	1734 T 1 P	1733	0418	0006	30 32 32	1	5	2	8	67	67			
844	1736 T 1 W	1735	0419	0324	30 30 30	1	9		68	7	7	0		
844	1737 T 1 W	1736	0419	0503	30 32 32	1	5	9		7	07	0		
844	1738 T 1 F	1737	0419	0644	30 32 32	1	5	9	4	8	3	04	9	
844	1739 T 1 P	1738	0419	0822	30 32 32	1	3		58	0	027	0		
844	1746 T 1 W	1744	0419	1818	30 30 32	1	8		4	0	4	0	9	
844	1747 T 1 W	1746	0419	2136	30 32 32	1	5		8		06	0		
844	1748 T 1 P	1747	0419	2316	30 32 32	1	5	14	8		7	2		
844	1749 T 1 P	1748	0420	0056	30 32 32	1	5	9	86		67			
844	1751 T 1 W	1750	0420	0414	30 32 32	1	5	9	4					
844	1752 T 1 W	1751	0420	0553	30 32 32	1	5	9		026	7	02		
844	1753 T 1 F	1752	0420	0733	30 32 32	1			8	01	1	0	9	
844	1754 T 1 P	1753	0420	0912	30 32 32	1	3		8	1	3	0		
844	1760 T 1 W	1759	0420	1909	30 31 31	1	8			01	7	0	9	
844	1762 T 1 P	1761	0420	2227	30 31 31	1	5		8	047	3467	0	28	
844	1763 T 1 P	1762	0420	2227	30 31 31	1	5			169	2	29		
844	1763 T 1 P	1762	0420	0006	30 32 32	1	5		8		07			
844	1765 T 1 W	1765	0421	0145	30 32 32	1	5	9	8		017	0		
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845	1767 T 1 F	1766	0421	0643	30 32 32	1			68	057	2367	09		
845	1768 T 1 P	1767	0421	0823	30 32 32	1			8	0169	067	09	9	
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845	1777 T 1 P	1775	0421	2139	30 32 32	1	5		8	0	73	0		
845	1779 T 1 W	1778	0422	0237	30 32 32	1	5	9			067	0		
845	1780 T 1 W	1779	0722	0418	30 32 32	1	5	9		8	017	0	9	
845	1781 T 1 P	1780	0422	0600	30 32 28	1	5		6	17	06	0	9	
845	1789 T 1 W		0422		30 08 00									
845	1791 T 1 P	1789	0422	2051	30 32 32	1	5	7	4	8	0	7	9	
845	1794 T 1 W	1792	0423	0148	30 32 32	1	5	9	4		0167	0		
845	1796 T 1 P	1795	0423	0650	30 32 27	1	3		6	1	06	0	9	
845	1803 T 1 W	1802	0423	1822	30 30 30	1	4	8		0	34	02	259	
845	1805 O 1 P	1805	0423	2153	30 06 06			7					9	
845	1805 O 1 P	1805	0423	2154	30 05 05			7						
845	1808 T 1 W	1806	0424	0102	30 29 31	1	5				0167			
845	1810 T 1 F	1809	0424	0600	30 32 32	1	5				0	0	9	
845	1818 T 1 W	1817	0424	1914	30 32 32	1	45	8	8		0	0	9	
846	1820 T 1 P	1818	0424	2055	30 32 32	1	5	7	48	1	67	0	9	
846	1820 O 1 P	1820	0424	2245	15 02 02			5	7					
846	1824 T 1 F	1822	0425	0333	30 32 31		4	9	6	1	07	0	59	
846	1832 T 1 W	1831	0425	1826	30 32 32	1	4	8	8		07	0	9	

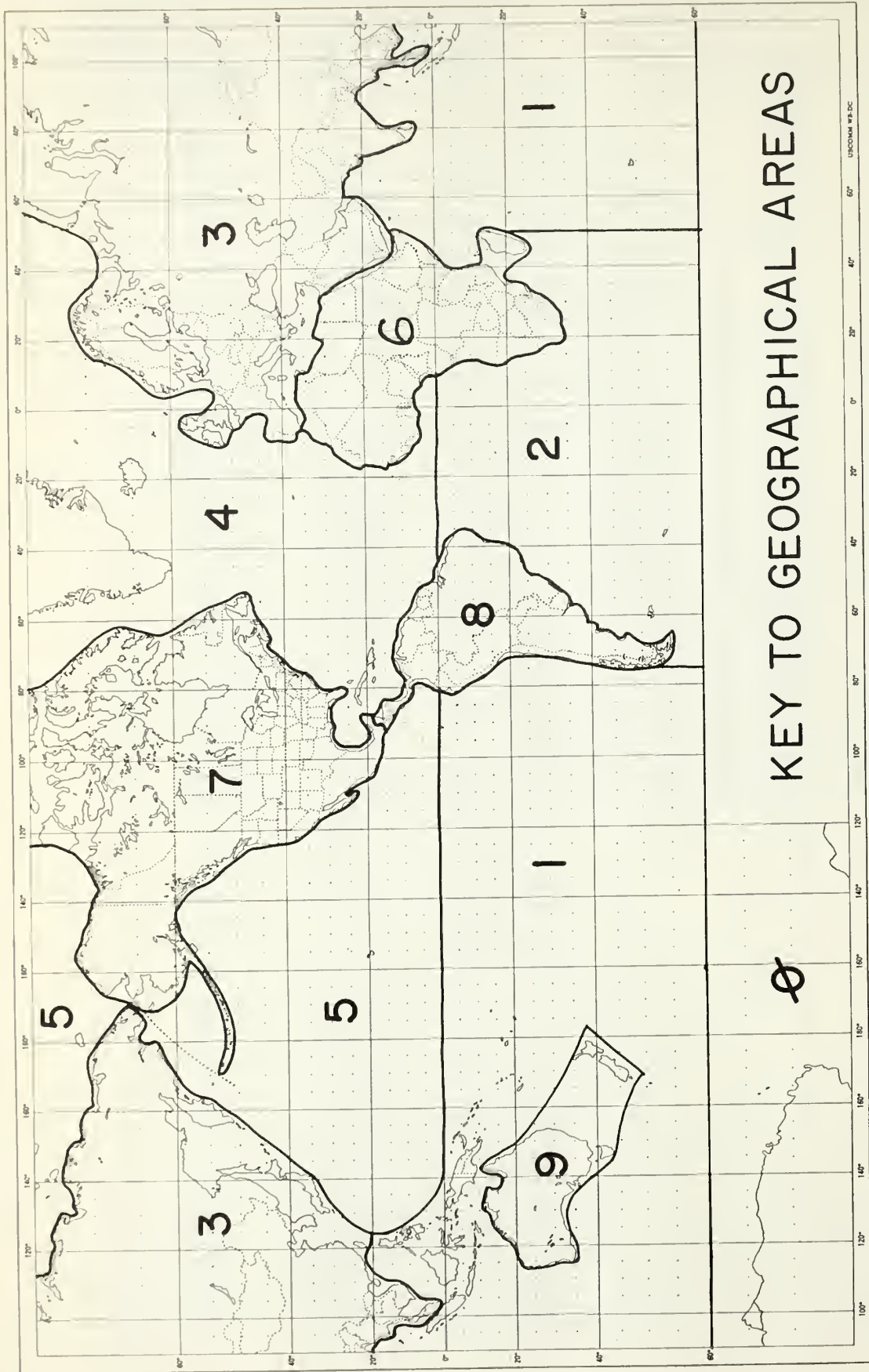
REEL	FILM LEGEND				PICTURE SEQUENCE DATA														
					PICTURE TAKING			FRAME	GEOGRAPHICAL	METEOROLOGICAL AND OTHER FEATURES									
					PASS	MIDPOINT				AREA COVERED	EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS			
						DATE	TIME		TI					US	+		01	2	3
846	1834	T	1	P	1832	0425	2007	30 32 32	1	45	7			8	51	76	12	9	
846	1834	D	1	P	1834	0425	2155	30 07 02		5	7							2	
846	1836	T	1	F	1835	0426	0104	30 31 31	1	5	9		6		5	02	59		
846	1837	T	1	W	1836	0426	0247	30 27 27					8	0	017	0	9		
846	1839	T	1	F	1838	0426	0602	30 32 32	1	3			6	0	0257	02	8		
846	1846	T	1	W	1844	0426	1557	30 32 32	1	4	8					0	89		
846	1847	T	1	W	1846	0426	1920	30 32 32	1	45	7				17	0	89		
846	1847	O	1	W	1847	0426	1931	30 08 00											
846	1848	O	1	P	1848	0426	2105	30 05 05		5	7			6			9		
846	1851	T	1	W	1849	0427	0017	30 31 31	1	5			7		07	0			
846	1853	T	1	F	1851	0427	0336	30 32 31	1	5		1		0	067	06	85		
846	1861	T	1	W	1859	0427	1650	30 32 32	1	4	8		6	3		0	982		
846	1863	T	1	P	1861	0427	2009	30 32 32	1	5	7	1	58	6	067	0	9		
846	1863	O	1	P	1863	0427	2156	30 06 06		5	7						9		
846	1865	T	1	W	1864	0427	0105	30 32 32		5	9		8		067	0	8		
846	1867	T	1	F	1865	0428	0246	30 32 32	1	5	9	2	5	04	16	024	58		
847	1875	T	1	W	1873	0428	1601	30 32 32	1	4	8		6	3	0	0	98		
847	1875	D	1	W	1875	0428	1749	30 06 06	1					1		0			
847	1877	T	1	P	1875	0428	1923	30 32 26		45	7	0	8	1	07	0	9		
847	1877	O	1	P	1877	0428	2107	30 08 08		5	7	4			264		92		
847	1881	T	1	F	1880	0429	0337	30 32 32	1	5				06	067	02	59		
847	1889	T	1	W	1887	0429	1513	30 32 32		4	8			0	06	0	9		
847	1889	O	1	W	1889	0429	1658	30 02 02				4			0	0			
847	1891	T	1	P	1890	0429	2015	30 18 18	1	5			8	5	1467	0			
847	1891	O	1	P	1891	0429	2016	30 06 06		5	7			6	6	5	9		
847	1894	T	1	F	1893	0430	0109	30 32 32	1	5			8	5	067	02	59		
847	1896	T	1	F	1894	0430	0249	30 32 32	1	5			8	0	06	0	9		
847	1904	T	1	W	1901	0430	1425	30 32 32		34	8		7		0	0	9		
847	1904	O	1	W	1904	0430	1750	30 07 07		3	5						9		
847	1906	T	1	P	1904	0430	1920	30 31 31	1	5	7		8	5	1467	1	8		
847	1906	O	1	P	1906	0430	2110	30 06 06		5	7			16	01		29		
847	1908	T	1	F	1906	0430	2241	30 32 32	1	5			8	05	0167	039	9		
847	1910	T	1	F	1908	0501	0200	30 31 31	1	5	9		8	0	067	06	59		
847	1918	T	1	W	1911	0501	0653	30 12 12	1				8		7	0			
847	1918	O	2	W	1918	0501	1706	10 28 24		4	7			1	06	0			
847	1919	O	1	W	1919	0501	1849	30 05 05		4	7			9			4		
847	1920	O	1	P	1920	0501	2018	30 08 08		5	7	4		1	146	1	9		
847	1922	T	1	F	1920	0501	2152	30 32 32	1	5			85	0	27	0			
848	1924	T	1	F	1922	0502	0113	30 32 32	1	5	7	01	8	0	267	09	9		
848	1925	T	1	P	1924	0502	0424	30 32 32	1	3			58	0	167	0	9		
848	1932	T	1	W	1925	0502	0603	30 32 32	1	3					7	0	9		
848	1932	O	1	W	1932	0502	1609	30 04 04		4	7			1	0				
848	1934	T	1	P	1932	0502	1745	30 31 31	1	45	7	1	8	35	46	129	9		
848	1934	O	1	P	1934	0502	1927	30 06 06		5	7				04		8		
848	1937	T	1	F	1935	0502	2245	30 32 32	1	5		14	78	0125	367	0			
848	1938	T	1	F	1937	0503	0200	30 32 32	1	3	5	9	1		0125	67	0		
848	1947	T	1	W	1945	0503	1517	30 28 32	1	4	8			03	047	06	28		
848	1949	T	1	P	1947	0503	1840	30 31 31		5	7		8	25	0467	1	9		
848	1949	O	1	P	1949	0503	2020	30 08 08		5	7				0		9		
848	1951	T	1	F	1949	0503	2156	30 28 28		5	7		8	0	73	0			
848	1953	T	1	F	1949	0504		30 04 04	1	5					7	0			
848	1954	T	1	P	1953	0504	0433	30 32 32	1	3			58	9	67	0	29		
848	1961	T	1	W	1959	0504	1430	30 32 32		4	8	2		046	37	02	9		
848	1961	O	1	W	1961	0504	1611	30 08 08		4	7	4		0	0	0	9		
848	1963	T	1	P	1961	0504	1748	30 32 32		5	7		8	1	7	0	93		
848	1963	O	1	P	1963	0504	1930	30 05 05		5	7			6	06	2	9		
848	1966	T	1	F	1965	0505	0022	30 31 31	1	5	9	1	6	1	0136	06	9		
848	1968	T	1	F	1966	0505	0201	30 32 32	1	3	5	14	8	0	67	06	59		
848	1975	T	1	W	1973	0505	1339	30 32 32		4	8		8		2	02	9		
848	1975	O	1	W	1975	0505	1522	30 06 06		5		4		0	06	0			
849	1977	T	1	P	1976	0505	1700	30 32 32		45	7						9		
849	1977	D	1	P	1977	0505	1840	30 07 07		5	7			6	024	5	82		
849	1980	T	1	F	1979	0505	2159	30 31 31		5	7	124	8	0125	67	0	29		
849	1983	T	1	P	1981	0506	0117	30 32 32	1	3	5		8	06		0			
849	1990	O	1	W	1990	0506	1613	30 11 11		4	7	1		7		0	9		
849	1991	T	1	W	1991	0506	1751	30 31 31		4	7	0	8	07		0	9		
849	1992	T	1	P	1991	0506	1920	30 32 32	1	5			8		0	0			
849	1992	D	1	P	1992	0506	1932	30 09 09		5	7	1		1	16		29		
849	1994	O	1	F	1994	0506	2259	30 07 02		5	7			1	5		12		
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849	2004	T	1	W	2003	0507	1342	30 32 32		4	8	0		7	367	06	9		
849	2004	O	1	W	2004	0507	1523	30 08 08		4	7	0		1			9		
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849	2006	O	1	P	2006	0507	1842	30 10 10		5	7				4		19		
849	2008	T	1	W	2008	0507	2200	30 32 32		5	7	0	87	0	0167	06	219		
849	2010	T	1	F	2009	0507	2340	30 32 32		5	7	12	8	02	67	0	129		
849	2011	T	1	P	2011	0508	0300	30 32 32	1	3		41	56	16		09	239		
849	2018	T	1	W	2017	0508	1255	30 32 32		4	8	2		14	27	0	9		
849	2018	O	1	W	2018	0508	1433	30 03 03		4		09			6	04			
849	2020	T	1	P	2019	0508	1620	30 31 25		4	7	4		06			903		
849	2020	O	1	P	2020	0508	1751	30 07 07		5	7			6	602		8		

REEL	FILM LEGEND				PICTURE SEQUENCE DATA														
	PASS	M	C	S	PICTURE TAKING			FRAME	GEOGRAPHICAL	METEOROLOGICAL AND OTHER FEATURES									
					PASS	MIDPOINT				TI	US	+	AREA COVERED	EXTROP CIRC.	TROP DISTURB	BANOS	CLOUD FEATURES		MISCEL-LANEOUS
						DATE	TIME										TABLE(1)	TABLE(2)	
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849	2023	D	1	F	2023	0508	2311	30 08 05	5 7				1					128	
850	2026	T	1	P	2025	0509	0210	30 32 32	3			3	16			67	0	139	
850	2033	T	1	W	2032	0509	1344	30 32 32	4 8			0	1			1	0	9	
850	2033	D	1	W	2033	0509	1524	30 02 02	4 7			1					5	95	
850	2035	T	1	P	2034	0509	1703	30 32 32	5 7			2	8			4107		09	
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850	2051	T	1	F	2050	0510	1932	30 31 31	5 7							1		128	
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850	2054	T	1	P	2052	0510	2252	30 32 32	5			4	68			16	016	18	
850	2061	T	1	W	2060	0511	1206	30 32 32	4 8							02	067		
850	2061	D	1	W	2061	0511	1344	30 06 06	4										
850	2063	T	1	P	2062	0511	1525	30 32 32	5 7			4	8			3	7	9	
850	2063	D	1	P	2063	0511	1703	30 08 08	5 7								24	82	
850	2066	T	1	W	2064	0511	1843	30 32 32	5 7			0	7			026	0167	29	
850	2068	T	1	P	2067	0511	2343	30 32 32	3 5							02	6	9	
850	2075	T	1	W	2074	0512	1111	30 32 32	34 8			02				046	012		
850	2075	D	1	W	2075	0512	1255	10 06 06	4							1			
850	2077	T	1	W	2076	0512	1439	30 32 32	4 7							7	6	90	
850	2077	D	1	W	2077	0512	1622	30 06 06	7							06	0	14	
851	2080	T	1	W	2078	0512	1759	30 32 32	4 5 7							0	03	U109	
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851	2090	D	1	W	2090	0513	1346	30 10 10	4 7							01	0	9	
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851	2092	D	1	P	2092	0513	1704	30 10 10	5 7							16	12	29	
851	2094	T	1	W	2093	0513	1851	30 23 23	5 7			4				7		249	
851	2097	T	1	P	2095	0513	2202	30 31 31	5 7							079	067	19	
851	2104	D	1	W	2104	0514	1256	30 07 07	4 7							0	06		
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851	2106	D	1	P	2106	0514	1614	30 08 08	5 7							16	12	29	
851	2109	T	1	F	2107	0514	1800	30 32 32	5 7								0256	128	
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851	2118	D	1	W	2119	0515	1352	30 05 05	4 7							1			
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851	2120	T	1	W	2119	0515	1349	30 27 27	4 7								7	9	
851	2123	T	1	F	2121	0515	1711	30 32 32	5 7			24				0	16	1248	
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851	2126	T	1	P	2124	0515	2203	30 32 32	5				6			6	7	9	
851	2133	T	1	W	2131	0516	0940	30 32 32	34							0	6	129	
851	2133	D	1	W	2133	0516	1257	30 09 09	4 7							0	056	9	
851	2135	T	1	P	2134	0516	1443	30 31 31	4 5 7			0					4	140	
851	2135	D	1	P	2135	0516	1617	30 10 10	5 7							02	106		
851	2137	T	1	F	2136	0516	1802	30 32 32	5 7			12				06	06	0148	
851	2137	D	1	F	2137	0516	1943	30 06 06	5 7								45	1108	
851	2140	T	1	P	2138	0516	2111	30 32 32	5			4	6			16			
852	2147	T	1	W	2146	0517	1033	30 32 32	34			2				26	036	2	
852	2147	D	1	W	2147	0517	1206	30 06 06	4 7							1	05		
852	2149	T	1	P	2148	0517	1353	30 32 32	4 7			0				07	1	1309	
852	2149	D	1	P	2149	0517	1530	30 18 18	5 7			0					04	9	
852	2151	D	1	F	2151	0517	1855	10 06 06	5 7							6		028	
852	2154	T	1	P	2152	0517	2030	30 32 32	5 7			4				6	5	0129	
852	2161	T	1	W	2160	0518	0945	30 28 28	34								06	29	
852	2161	D	1	W	2161	0518	1117	10 06 06	4							6	6		
852	2163	T	1	W	2162	0518	1304	30 30 30	4 7			0				30	2	8	
852	2166	D	1	F	2166	0518	1945	30 06 06	5 7							1		128	
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852	2176	T	1	W	2175	0519	1036	30 28 28	34								6		
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852	2178	D	1	P	2178	0519	1535	30 09 09	5 7								6	8	
852	2183	T	1	P	2181	0519	2034	30 32 32	5 7			1				013		92	
852	2190	T	1	W	2189	0520	0948	30 27 27	34							0	06	239	
852	2190	D	2	W	2190	0520	1124	30 05 05	4 7								06	0	
852	2192	D	1	P	2192	0520	1443	30 05 05	5 7			4						29	
852	2197	T	1	P	2196	0520	2120	30 16 16	3 5			4				67		129	
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852	2180	D	1	F	2180	0519	1856	30 06 06	5 7							6	4	028	
852	2194	T	1	F	2193	0520	1628	30 26 26	5 7			4				1	43	0249	
852	2194	D	1	F	2194	0520	1807	30 03 03	5 7							6	4	028	
852	2204	T	1	W	2203	0521	0902	30 32 32	34			02				036	2	29	
853	2209	D	1	F	2209	0521	1857	30 06 06	5 7							01	4	0248	
853	2209	T	1	F	2208	0521	1719	30 32 32	5 7							16	4	029	
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853	2219	T	1	W	2213	0522	0146	30 32 32	3 5				4			06	467	128	
853	2219	D	1	W	2219	0522	1124	30 08 08	4 7							6		9	

REEL	FILM LEGENO				PICTURE SEQUENCE DATA														
					PICTURE TAKING			FRAME	GEOGRAPHICAL	METEOROLOGICAL AND OTHER FEATURES									
					PASS	MIDPOINT				AREA COVERED	EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
						OATE	TIME		TI US +					OI 2 3 4 5 6 7 8 9	TABLE (1)		TABLE (2)	TABLE (3)	TABLE (4)
853	2221	0	1	P	2221	0522	1445	V 10 10	5 7						456			92	
853	2223	T	1	F	2222	0522	1642	30 24 24	4 67						1	4		1489	
853	2223	0	1	F	2223	0522	1808	30 06 06	5 7									028	
853	2225	T	1	F	2224	0522	2002	30 32 32	4 7						0	0	1	48	
853	2225	0	1	F	2225	0522	2130	30 02 02	5 7							4		0238	
853	2226	T	1	P	2225	0522	2143	30 32 31	5 7						7		1	29	
853	2226	0	1	P	2226	0522	2324	30 07 07	5 7							4		29	
853	2233	T	1	W	2231	0523	0736	30 31 31	3						36	06	02	8	
853	2235	T	1	P	2234	0523	1235	30 32 32	34 6		4				0	6		89	
853	2237	T	1	F	2236	0523	1553	30 32 32	4 67		1				1	345	0	018	
853	2237	0	1	F	2237	0523	1718	30 05 05	5						1			029	
853	2239	T	1	F	2238	0523	1912	30 31 31	4 7						1	6	16	9	
853	2240	T	1	P	2239	0523	2052	30 32 32	4 7						1	6	125	129	
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853	2247	T	1	W	2242	0524	0149	30 32 32	3 5		0				07	45	0	29	
853	2249	T	1	P	2248	0524	1150	30 32 32	1 3 6		0		6					8	
853	2252	0	1	F	2252	0524	1809	V 08 08	5 7						2			02	
853	2254	T	1	F	2253	0524	2005	30 32 32	4 7						0	6	01	9	
853	2254	0	1	F	2254	0524	2133	30 04 04	5 7						2			02	
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854	2255	0	1	P	2255	0524	2326	30 04 04	5						6	3			
854	2262	T	1	W	2256	0525	0104	30 32 32	5						0	34	036	28	
854	2264	T	1	P	2263	0525	1240	30 32 32	3 6							6	0	8	
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854	2266	0	1	F	2266	0525	1719	30 06 06	5 7						1			29	
854	2268	T	1	F	2267	0525	1920	30 32 31	4 7				8		01	56	1	89	
854	2268	0	1	F	2268	0525	2043	30 08 08	5 7									29	
854	2269	T	1	P	2268	0525	2055	30 32 32	45 7				6		671		12	29	
854	2269	0	1	P	2269	0525	2235	30 09 09	5		4				1	146		9	
854	2276	T	1	W	2270	0526	0015	30 31 31	5						0	1	0	9	
854	2280	T	1	F	2279	0526	1509	30 29 29	4 6				8		02	67	0	8	
854	2280	0	1	F	2280	0526	1629	V 04 04	5 7							56			
854	2282	T	1	F	2281	0526	1826	30 32 32	4 7		0		3		04	367		9	
854	2282	0	1	F	2282	0526	1953	V 08 08	5 7							5		139	
854	2283	T	1	P	2282	0526	2010	30 31 31	4 78				56		015	16	12	29	
854	2283	0	1	P	2283	0526	2145	30 08 08	5 7		4					4	14	8	
854	2290	T	1	W	2285	0527	0105	30 32 32	5						0	6	0		
854	2292	T	1	P	2291	0527	1102	30 32 32	1 3		4		5			067	0	258	
854	2295	0	1	W	2295	0527	1732	30 10 10	4 7						6	16	56		
854	2297	T	1	F	2296	0527	1916	30 31 31	4 78				86		01	6	01	8	
854	2297	0	1	F	2297	0527	2044	10 06 06	3 5						2				
854	2298	0	1	P	2298	0527	2237	30 04 04	5										
854	2298	T	1	P	2297	0527	2057	30 32 32	5 7		04		68		165		1209	29	
855	2305	T	1	W	2303	0528	0653	30 29 29	1 3				16		7	0	05	29	
855	2307	T	1	P	2306	0528	1153	30 32 32	1 3 6				8		13	7	02	279	
855	2309	T	1	W	2308	0528	1509	30 32 32	4 7		0				6	04	0	9	
855	2309	0	1	W	2309	0528	1643	30 08 08	4 7				12				5	9	
855	2311	T	1	F	2310	0528	1827	30 31 31	4 78				6		0		1	9	
855	2311	0	1	F	2311	0528	1955	V 09 09	5 7		3				1	45	0	028	
855	2312	T	1	P	2311	0528	2010	30 31 31	5 7		4				8	1	5	12	29
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855	2319	T	1	W	2317	0529	0608	30 31 31	1 3				16		7	0	0		
855	2321	T	1	P	2320	0529	1106	30 32 32	1 3 6		4		5		13	076	02	8	
855	2323	T	1	W	2322	0529	1419	30 31 31	4 6						06	3	03	89	
855	2323	0	1	W	2323	0529	1552	30 04 04	7										
855	2325	T	1	F	2324	0529	1745	30 30 26	4 8				659		9	27	02	9	
855	2325	0	1	F	2325	0529	1903	30 04 04	5						0	4		319	
855	2326	T	1	P	2325	0529	1917	30 32 32	45 7								1	29	
855	2326	0	1	P	2326	0529	2056	30 08 08	5 7							4		29	
855	2333	T	1	W	2328	0530	0015	30 31 31	3 5		1				1			9	
855	2339	T	1	W	2338	0530	1649	30 32 32	4 7				68		06	3	0	9	
855	2339	0	1	W	2339	0530	1828	30 04 04	4 7						1			9	
855	2341	T	1	P	2340	0530	2010	30 32 32	5 7							4	0	29	
855	2341	0	1	P	2341	0530	2148	10 06 06	5							4			
855	2348	T	1	W	2343	0531	0105	30 30 30	3 5						0		0		
855	2350	T	1	P	2349	0531	1108	30 32 32	1 3 6				8			067	0	58	
856	2352	T	1	W	2351	0531	1420	30 31 31	4 6		02		8		3	136	0	98	
856	2352	0	1	W	2352	0531	1555	30 08 08	4 7						6			3	
856	2354	T	1	F	2353	0531	1738	30 32 32	4 78				68		17	06	12	241	
856	2354	0	1	F	2354	0531	1905	30 07 07	3 5 7							06		28	
856	2355	T	1	P	2354	0531	1922	30 31 31	1 45 7				5			4	01	29	
856	2355	0	1	P	2355	0531	2059	30 05 05	5						0	0			
856	2362	T	1	W	2357	0601	0016	30 31 31	3 5				68		6	1	04		
856	2364	T	1	P	2363	0601	1017	30 31 31	1 3 6				8			67	0	58	
856	2368	0	1	F	2368	0601	1817	30 05 05	5 7									238	
856	2368	T	1	F	2365	0601	1331	30 31 31	4 6		04		6		137	567	2	38	
856	2369	0	1	P	2369	0601	2008	30 08 08	5 7						06	04		9	
856	2369	T	1	P	2368	0601	1830	30 31 31	2 45 8						0		01	29	
856	2376	T	1	W	2371	0601	2326	30 31 31	3 5		4				1	0367	06	9	
856	2378	T	1	P	2377	0602	0928	30 31 31	1 3 6							7	5	8	
856	2380	0	1	W	2380	0602	1413	V 07 07	7										

REEL	FILM LEGEND	PICTURE SEQUENCE DATA													
		PICTURE TAKING			FRAME	GEOGRAPHICAL				METEOROLOGICAL AND OTHER FEATURES					
		PASS	MIOPOINT			AREA COVERED	EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
			DATE	TIME						TI US +	01 2 3 4 5 6 7 8 9		TABLE (1)	TABLE (2)	TABLE (3)
856	2380 T 1 W	2379	0602	1242	30 31 31	4 6	02	68	06 7	1	0	9			
856	2382 0 1 F	2382	0602	1726	10 11 11	5 7						238			
856	2383 0 1 P	2383	0602	1918	30 10 10	5 7				5		9			
856	2383 T 1 P	2382	0602	1745	30 31 31	4 7 8			1	6	01	9			
856	2391 T 1 W	2385	0602	2236	30 31 31	3 5	24		03	067	0	29			
856	2393 T 1 P	2392	0603	1020	30 31 31	1 3 6				7		8			
856	2395 0 1 W	2395	0603	1506	V 10 10	4 7				0		149			
856	2395 T 1 W	2394	0603	1331	30 31 31	4 6 7		8	0		0	8			
857	2397 0 1 F	2397	0603	1817	10 06 06	3 5 7	4					19			
857	2397 T 1 F	2396	0603	1650	30 31 31	1 5 7 8		68	0	067	01	28			
857	2405 T 1 W	2400	0603	2332	30 28 28	1 5		8	0	067	0	5			
857	2407 T 1 P	2406	0604	0932	30 28 28	1 3 6						89			
857	2409 0 1 W	2409	0604	1415	30 05 05	4 7						4			
857	2409 T 1 W	2408	0604	1242	30 31 31	4 6 7			7	0	06	8			
857	2411 0 1 F	2411	0604	1728	30 03 03	3 5 7				4		9			
857	2411 T 1 F	2410	0604	1601	30 31 31	2 4 8		8	01	67	0125	8			
857	2412 0 1 P	2412	0604	1919	30 08 08	5 7			0	4					
857	2412 T 1 P	2411	0604	1741	30 31 31	45 7 8	7	8	0	017	20	29			
857	2419 T 1 W	2414	0604	2246	30 30 30	1 5		78	1	067	0	5			
857	2421 T 1 P	2419	0605	0703	30 31 31	1 3		8		7	0	9			
857	2423 0 1 W	2423	0605	1325	V 03 03	7	1		0						
857	2423 T 1 W	2422	0605	1150	30 30 30	4 6 7	01		06	2	0463	98			
857	2425 T 1 W	2424	0605	1513	30 30 30	4 7 8		6	0	167	0	89			
857	2426 0 1 P	2426	0605	1829	30 07 07	5 7				4		9			
857	2426 T 1 P	2425	0605	1703	30 32 32	2 4 8	4	3		67	0	9			
857	2433 T 1 W	2428	0605	2155	30 30 30	1 5		8	0	07	0	59			
857	2435 T 1 P	2434	0606	0749	30 30 30	1 3				7		8			
857	2438 0 1 W	2438	0606	1417	30 08 08	4 7			37	0		9			
857	2438 T 1 W	2437	0606	1241	30 25 25	4 6 7	14		013	1	06	58			
857	2440 T 1 F	2439	0606	1602	30 31 31	45 7 8		6	1	7	01	29			
858	2441 0 1 P	2441	0606	1921	30 04 04	5			17	014					
858	2441 T 1 P	2440	0606	1743	30 32 32	5 7	123	8	124	4	05	9			
858	2448 T 1 W	2442	0606	2105	30 30 30	1 5		8	1	367	0	9			
858	2450 T 1 P	2448	0607	0702	30 31 31	1 3		6		67	0	8			
858	2452 0 1 W	2452	0607	1327	30 05 05	7			0			4			
858	2452 T 1 W	2451	0607	1153	30 30 30	4 6 7	01		06		03	8			
858	2454 T 1 F	2453	0607	1513	30 31 31	4 7 8	2	5	0	7	01	9			
858	2455 0 1 P	2455	0607	1830	30 08 08	5			2						
858	2455 T 1 P	2454	0607	1652	30 32 32	45 7 8		8	1	0		9			
858	2462 T 1 W	2456	0607	2019	30 30 30	1 5		68	7	1237	0				
858	2464 T 1 P	2462	0608	0615	30 31 31	1 3		6		70	0	8			
858	2466 T 1 W	2465	0608	1112	30 30 30	2 4 6				0	03	8			
858	2468 T 1 W	2467	0608	1422	30 30 30	4 7	0	6	0	015	04	9			
858	2469 0 1 P	2469	0608	1740	30 08 08	5 7			0	26	0				
858	2469 T 1 P	2468	0608	1613	30 15 15	4 8		8		07	0	9			
858	2477 T 1 W	2471	0608	2110	30 30 30	1 5		8	37	3	0				
858	2479 T 1 P	2477	0609	0710	30 31 31	1 3				17		9			
858	2481 0 1 W	2481	0609	1329	V 11 11	7			0		0				
858	2481 T 1 W	2480	0609	1154	30 32 32	4 7	4			0367	03	9			
858	2483 T 1 F	2482	0609	1513	30 30 30	4 7 8	2	5	0	6	01	258			
858	2484 0 1 P	2484	0609	1833	30 04 04	5			0	12					
858	2484 T 1 P	2483	0609	1655	30 32 32	5 7		68		67	0	28			
859	2491 T 1 W	2485	0609	2021	30 30 30	1 5		8		37	0	9			
859	2493 T 1 P	2491	0610	0616	30 29 29	1 3				7		8			
859	2495 0 1 W	2495	0610	1238	30 06 06	4			9			4			
859	2497 T 1 F	2496	0610	1434	30 29 29	4 8		8	1	675	0	8			
859	2498 0 1 P	2498	0610	1742	30 06 06	5				2					
859	2498 T 1 P	2497	0610	1606	30 32 32	5 7	1	8	16	067	0	8			
859	2505 T 1 W	2500	0610	2112	30 30 30	1 5		68	16	1	7				
859	2507 T 1 P	2505	0611	0534	30 31 31	1	1	4		0126	0				
859	2509 T 1 W	2508	0611	1018	30 30 30	2 4 6	24		0	0567	03	8			
859	2510 T 1 F	2509	0611		30 07 07										
859	2511 T 1 F	2510	0611	1340	30 32 32	4 7 8		8	0	05	02	8			
859	2512 0 1 P	2512	0611	1652	30 07 07	5 7				4		19			
859	2512 T 1 P	2511	0611	1522	30 32 32	4 7 8				7	0	9			
859	2519 T 1 W	2514	0611	2021	30 30 30	1 5		8	1	07	02				
859	2521 T 1 P	2520	0612	0623	30 31 31	1		8	0	1267	06	8			
859	2524 0 1 W	2524	0612	1239	30 04 04	7			1	0					
859	2524 T 1 W	2523	0612	1107	30 29 29	4 7	024		0	067	03				
859	2525 T 1 W	2524	0612	1254	30 32 32	2 4 8		8	0	067	05	9			
859	2526 T 1 F	2525	0612	1433	30 32 32	4 7 8		67	0	5	12	9			
860	2527 0 1 P	2527	0612	1745	10 06 06	5			0	6					
860	2527 T 1 P	2526	0612	1606	30 32 32	5 7	1	5	06	456		9			
860	2534 T 1 W	2529	0612	2111	30 29 29	1 5			0	7	0				
860	2536 T 1 P	2534	0613	0523	30 31 31	1 3		4		67	0	8			
860	2538 0 1 W	2538	0613	1149	10 05 05	7	4					4			
860	2538 T 1 W	2537	0613	1017	30 31 31	4 6		5		06	0	8			
860	2539 T 1 W	2538	0613	1202	30 31 31	2 4 8		7	06	0167	04	9			
860	2540 T 1 F	2539	0613	1342	30 32 32	45 7			0	05	012	8			
860	2541 0 1 P	2541	0613	1655	30 08 08	5			0	450	3	8			
860	2541 T 1 P	2540	0613	1517	30 32 32	5 7	1	8	0	4560	01	8			

REEL	FILM LEGEND	PICTURE SEQUENCE DATA													
	PASS M C S	PICTURE TAKING			FRAME	GEOGRAPHICAL AREA COVERED	METEOROLOGICAL AND OTHER FEATURES								
		PASS	MIDPOINT				EXTROP CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL- LANEOUS			
			DATE	TIME						TI US +	OI 2 3 4 5 6 7 8 9		TABLE (1)	TABLE (2)	TABLE (3)
860	2550 T 1 P	2542	0613	1843	30 32 32	1 5	4	48		67	0	5			
860	2552 T 1 W	2551	0614	0943	30 32 32	2 4 6		68		76	0	9			
860	2553 D 1 W	2553	0614	1243	30 04 04	4 7			16			9			
860	2553 T 1 W	2552	0614	1110	30 32 32	2 4 7		68	1	167	0				
860	2554 T 1 F	2553	0614	1258	30 32 32	2 4 8				7	0	9			
860	2555 D 1 P	2555	0614	1603	30 10 10	5				645					
860	2555 T 1 P	2554	0614	1429	30 32 32	5 7		8	1			92			
860	2564 T 1 P	2556	0614	1755	30 32 32	1 5		8	0	167	0				
860	2567 D 1 W	2567	0615	1154	30 04 04	4 7			06	12					
860	2567 T 1 W	2566	0615	1020	30 32 32	2 4 7		8	0	067	0				
860	2568 T 1 W	2567	0615	1209	30 32 32	2 4 8		6		37	0	9			
861	2569 T 1 F	2568	0615	1345	30 32 32	4 78		8	1	04	0	9			
861	2570 D 1 P	2570	0615	1655	10 06 06	5									
861	2570 T 1 P	2569	0615	1520	30 32 32	5 7		2		457		9			
861	2579 T 1 P	2571	0615	1844	30 32 32	1 5		48	1	067	0				
861	2581 T 1 W	2580	0616	0934	30 32 32	2 4 6	1	85	01	1	02	9			
861	2582 D 1 W	2582	0616	1246	30 03 03	7			67						
861	2582 T 1 W	2581	0616	1113	30 30 30	2 4 7		8	019	0367	0	9			
861	2583 T 1 F	2582	0616	1300	30 32 32	2 4 8			7	0	0	9			
861	2584 D 1 P	2584	0616	1606	30 06 06	5									
861	2584 T 1 P	2583	0616	1430	30 32 32	5 7		3		58		9			
861	2593 T 1 P	2585	0616	1750	30 32 32	1 5		48		0127	0				
861	2595 T 1 W	2594	0617	0846	30 32 32	4 6	1	68		1234	09	8			
861	2596 T 1 W	2595	0617	1024	30 32 32	2 4		68	4	0367	0				
861	2597 T 1 F	2596	0617	1204	30 31 32	4 78		5	0	067	02	9			
861	2598 D 1 P	2598	0617	1517	30 02 02	5				5		9			
861	2608 T 1 P	2599	0617	1702	30 32 32	1 5		38		67	0				
861	2610 T 1 W	2609	0618	0938	30 32 32	2 4		68	1	137	0				
861	2611 T 1 W	2610	0618	1116	30 32 32	2 4 8		68			0				
861	2612 T 1 F	2611	0618	1258	30 32 32	4 78		6	7	024	0	59			
862	2613 T 1 P	2612	0618	1435	30 32 32	1 5 7				0247		9			
862	2622 T 1 P	2614	0618	1754	30 32 32	1 5		8		67	0				
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862	2625 T 1 P	2624	0619	1024	30 12 12	4		8	0	7	0				
862	2626 T 1 F	2625	0619	1208	30 32 32	45 78			1	7	0	9			
862	2627 T 1 P	2626	0619	1348	30 32 32	1 5 7		58		0167	0	9			
862	2636 T 1 P	2628	0619	1708	30 32 32	1 5			1	07					
862	2638 T 1 W	2637	0620	0804	30 32 32	2 4 6				0	0	9			
862	2639 T 1 W	2638	0620	0940	30 32 32	2 4			0	127	04				
862	2640 T 1 F	2639	0620	1124	30 32 32	2 4 8		5	0	4	0				
862	2641 T 1 P	2640	0620	1303	30 32 32	1 5 8		8		4567	0	29			
862	2648 T 1 W	2642	0620	1620	30 31 31	1 5		8		067	0				
862	2653 T 1 W	2652	0621	0857	30 23 23	2 4					0				
862	2654 T 1 W	2653	0621	1035	30 32 32	2 4 8	12	0		457	0				
862	2655 T 1 F	2654	0621	1214	30 32 32	2 8				1345	0				
862	2656 T 1 P	2655	0621	1354	30 24 24	1 5		8		0167	0				
862	2662 T 1 W	2658	0621	1851	30 18 18	1 5		8		07	0				

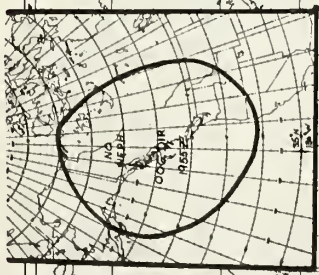
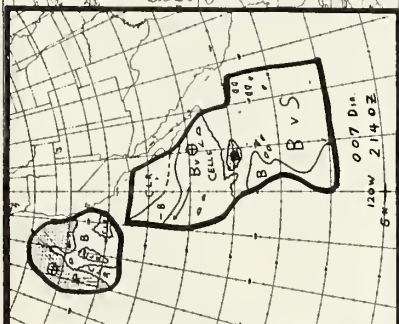


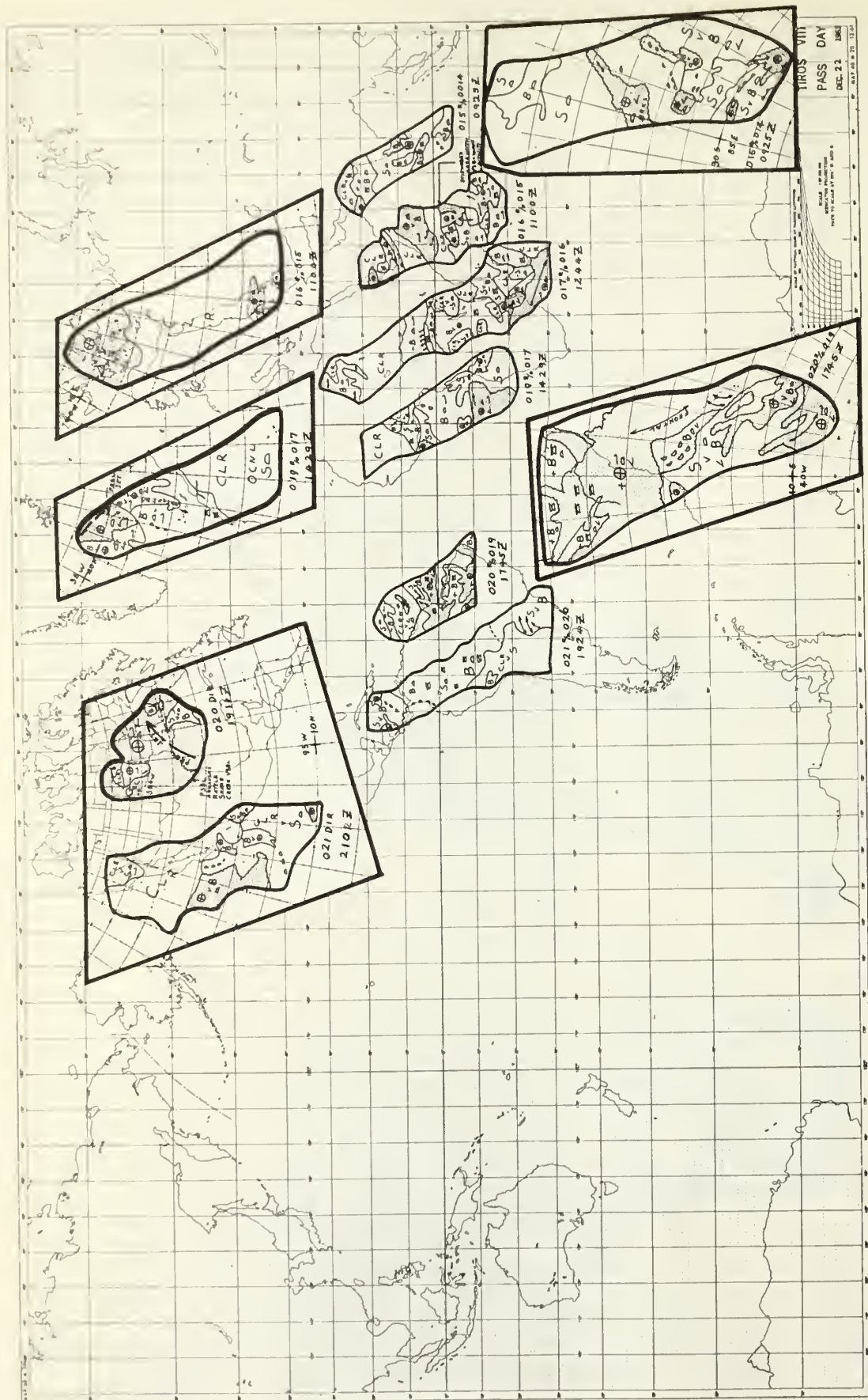
KEY TO GEOGRAPHICAL AREAS

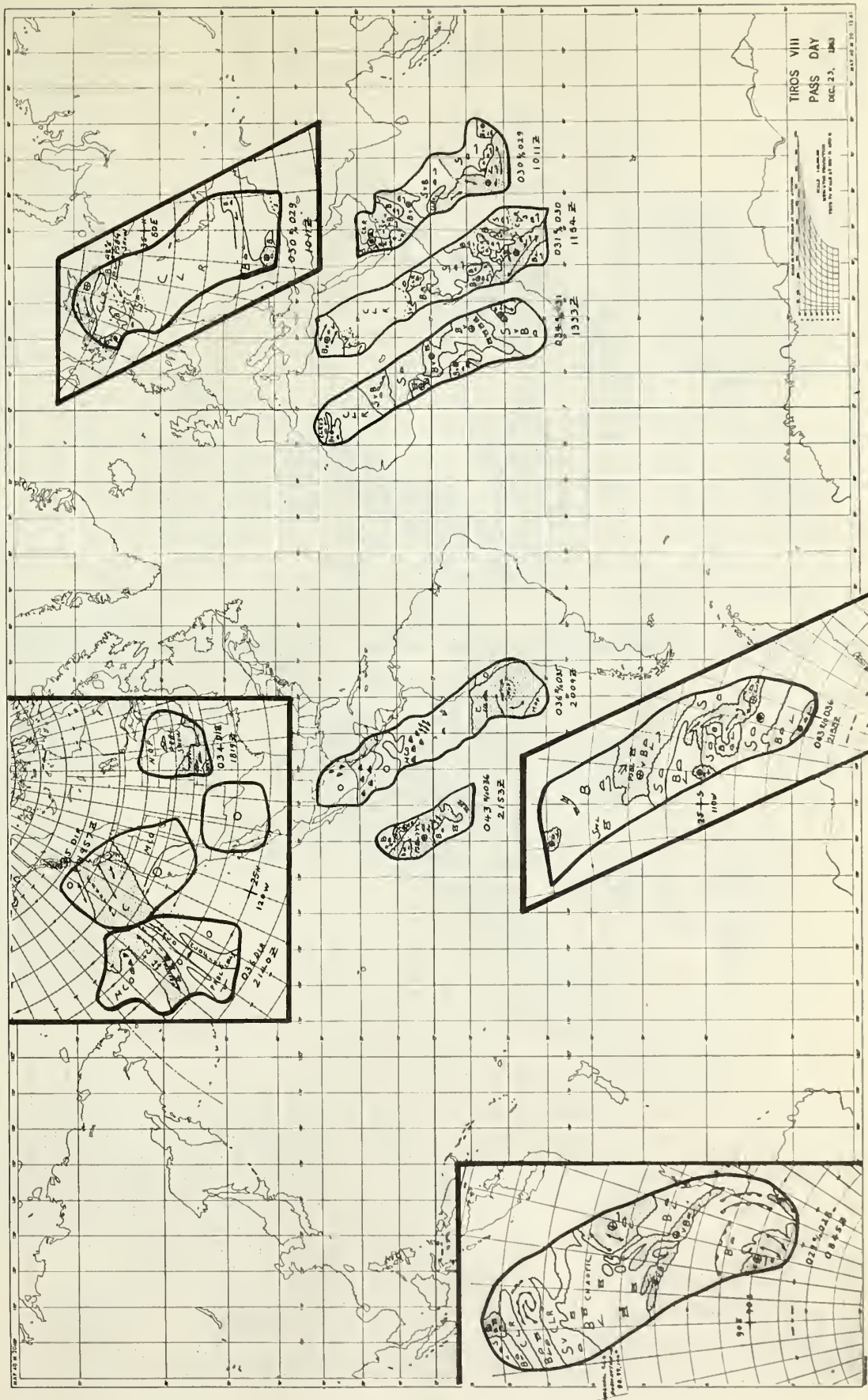
USCIBAM #3.DC



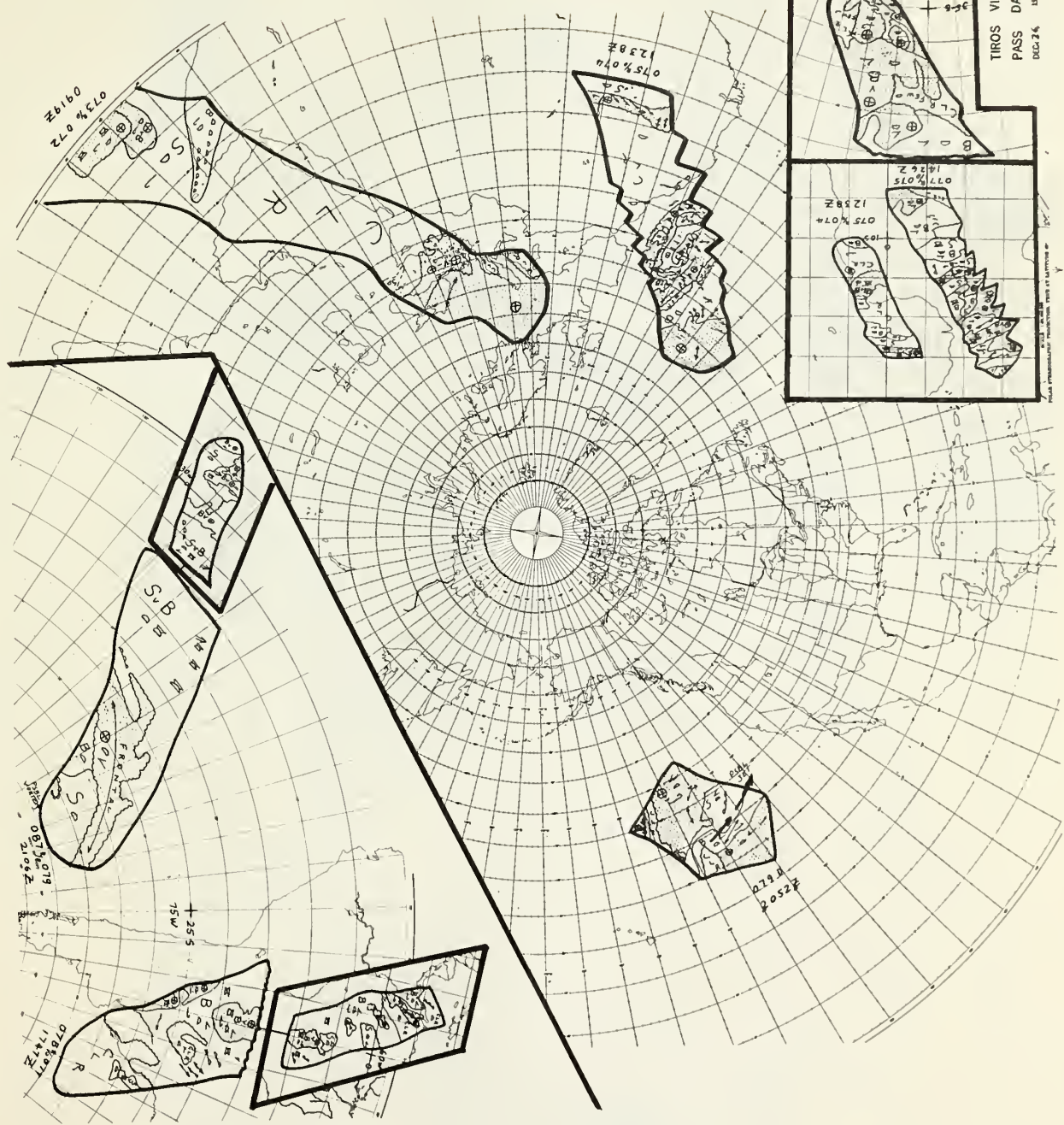
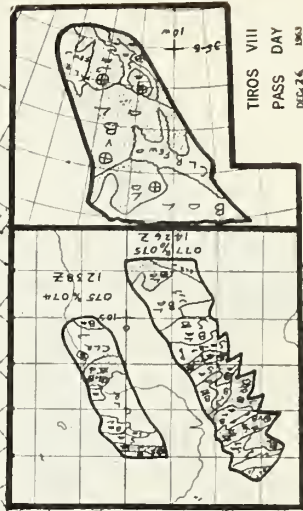
TIROS VIII
PASS DAY
DEC. 21 1963

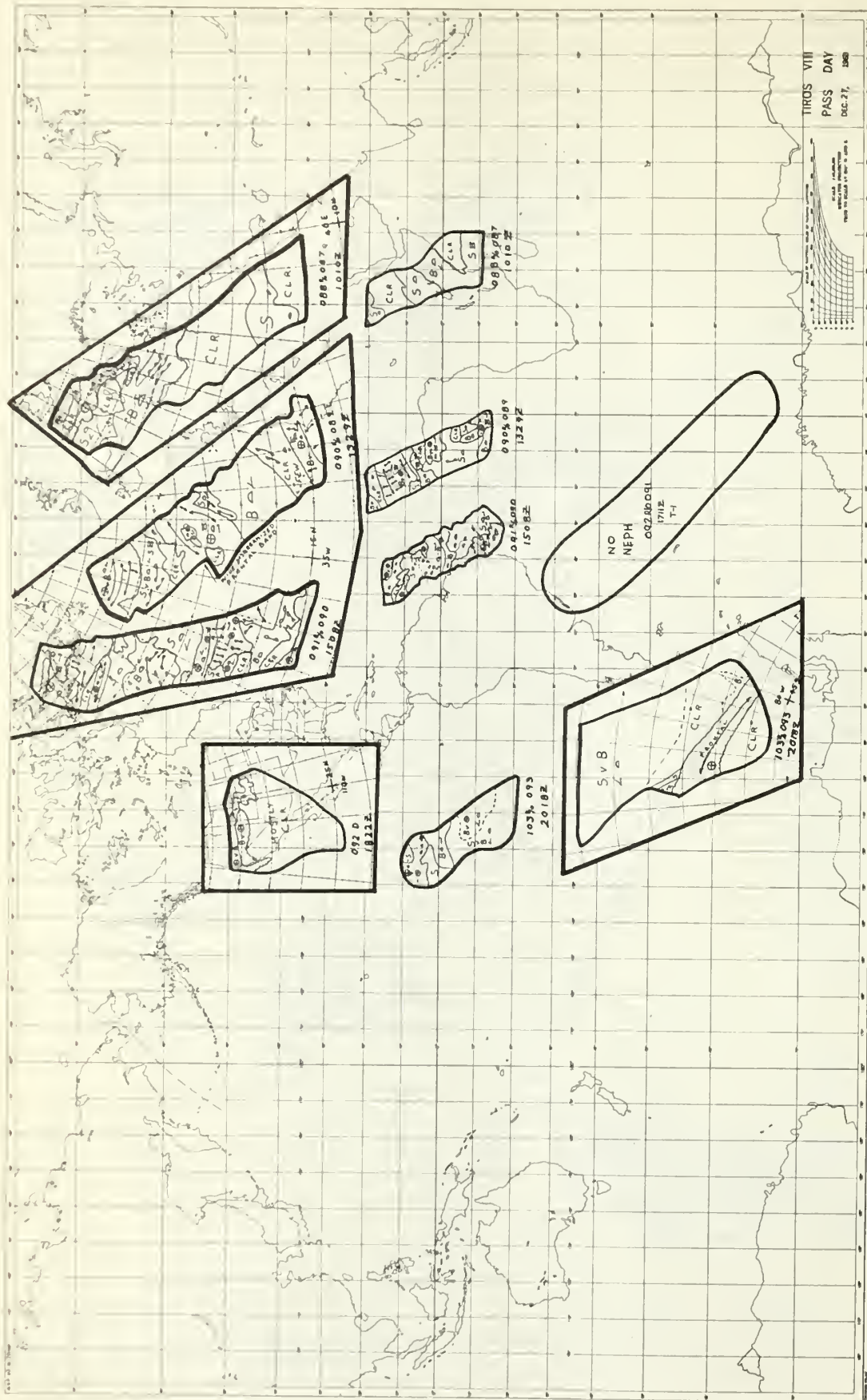






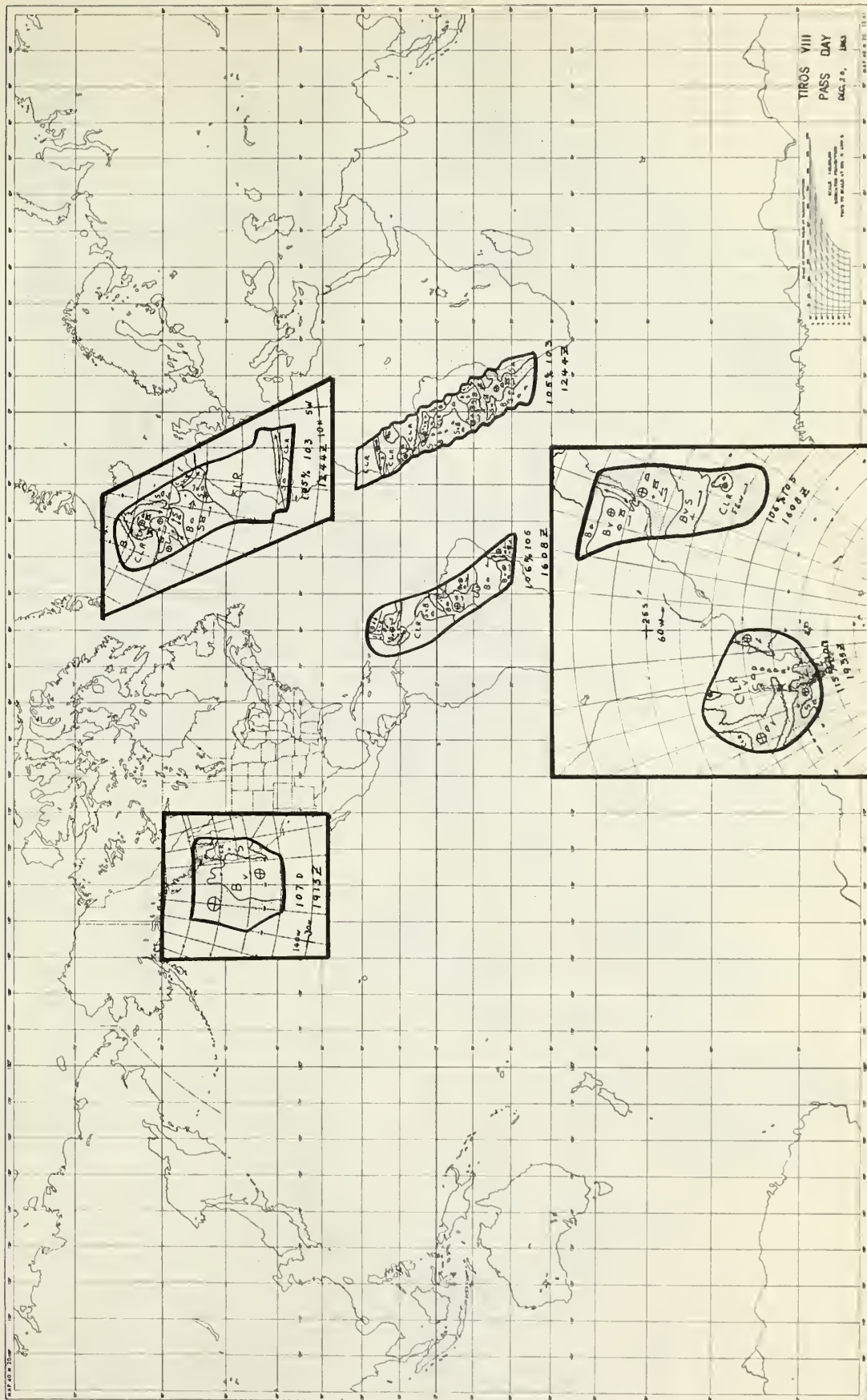
TIROS VIII
PASS DAY
DEC 24 1963

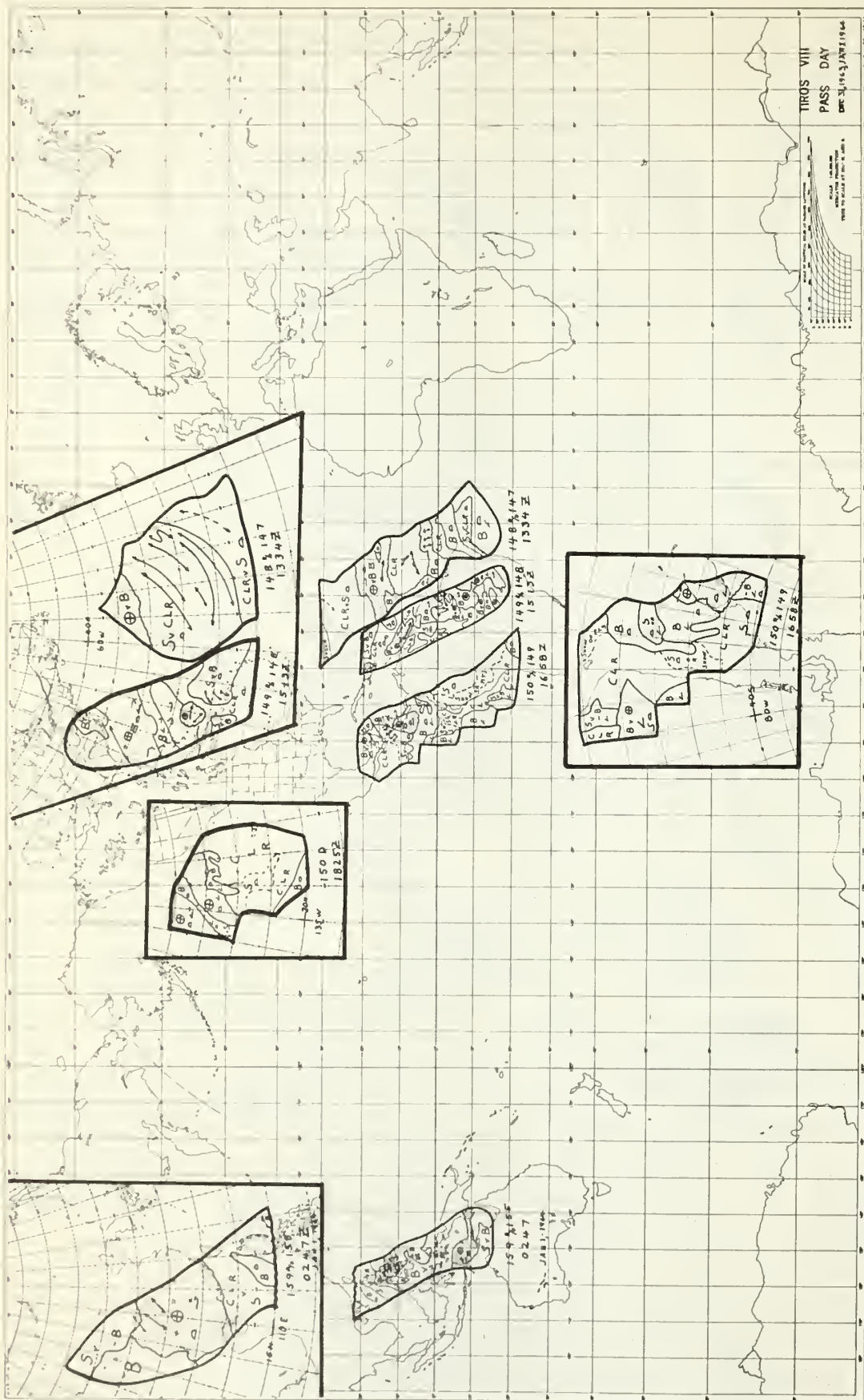




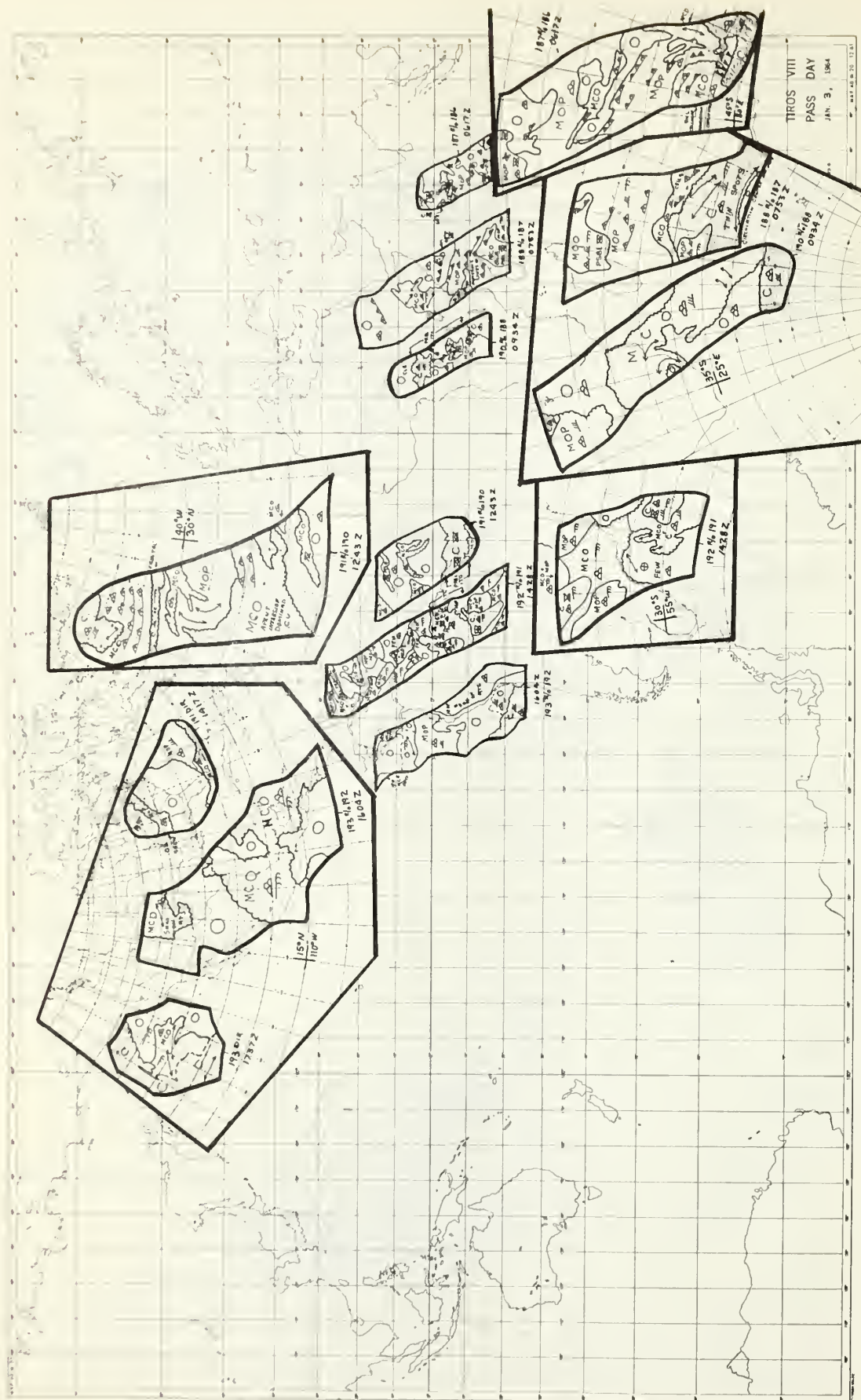
TIROS VIII
PASS DAY
DEC 27, 1968

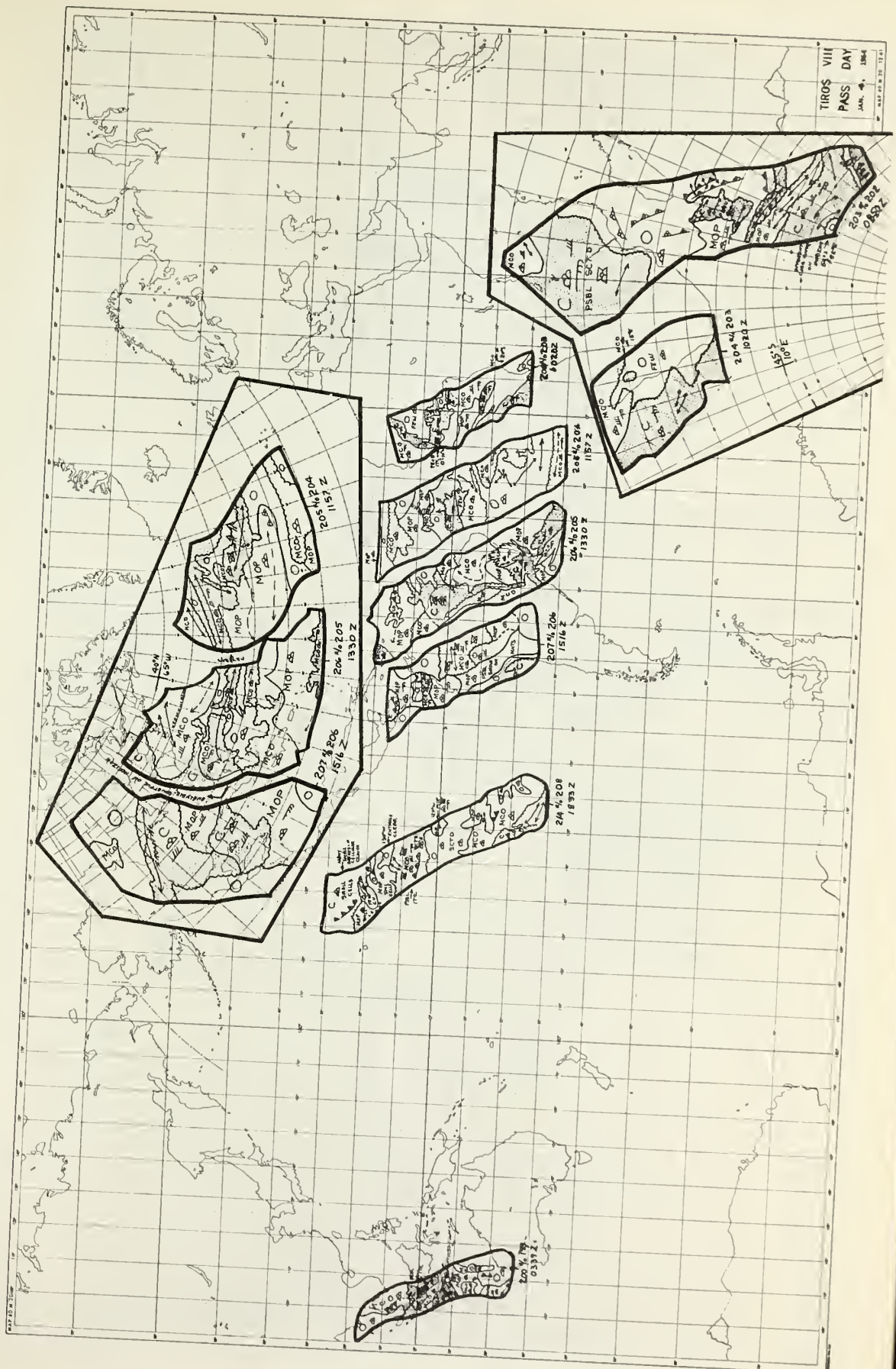


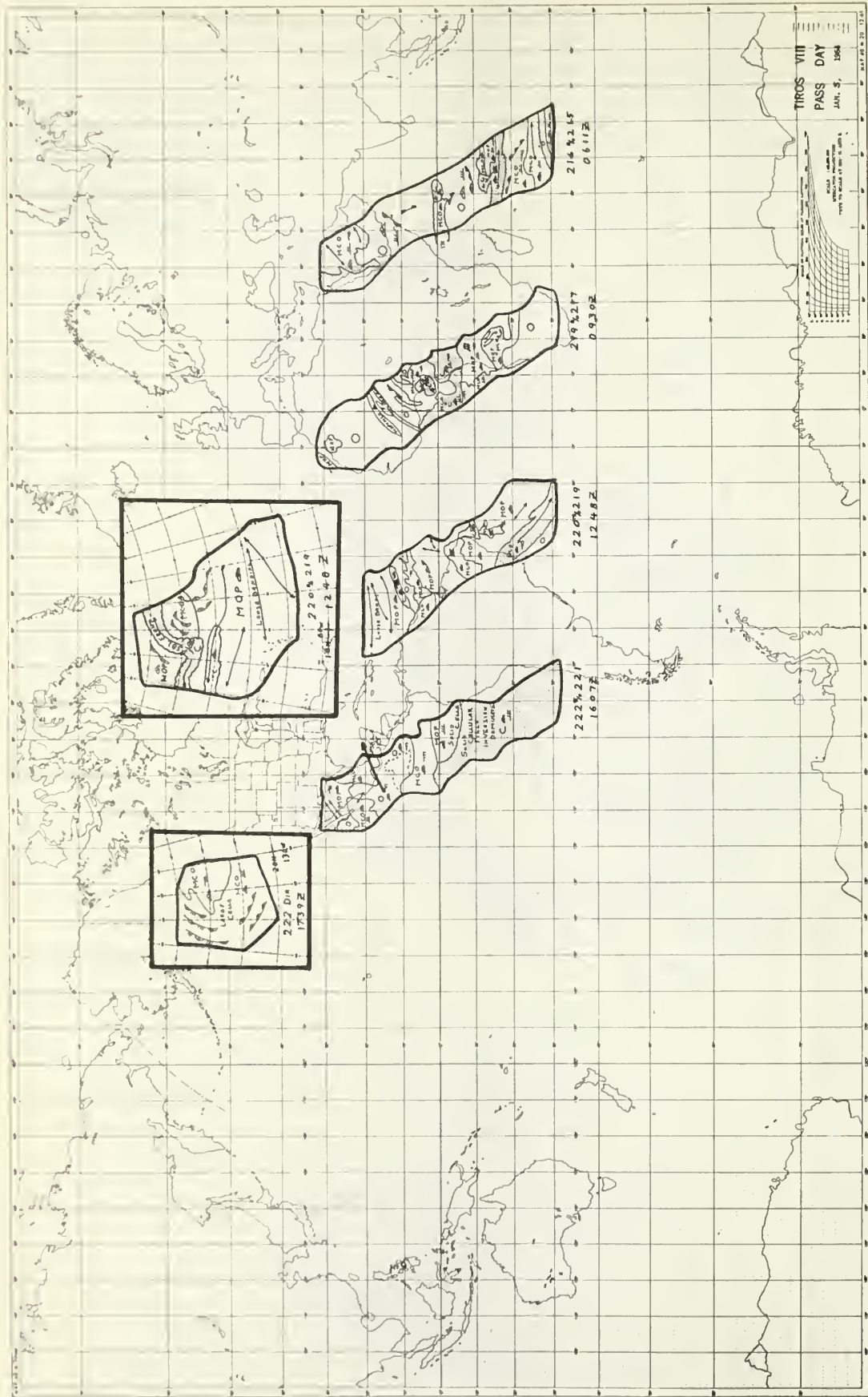


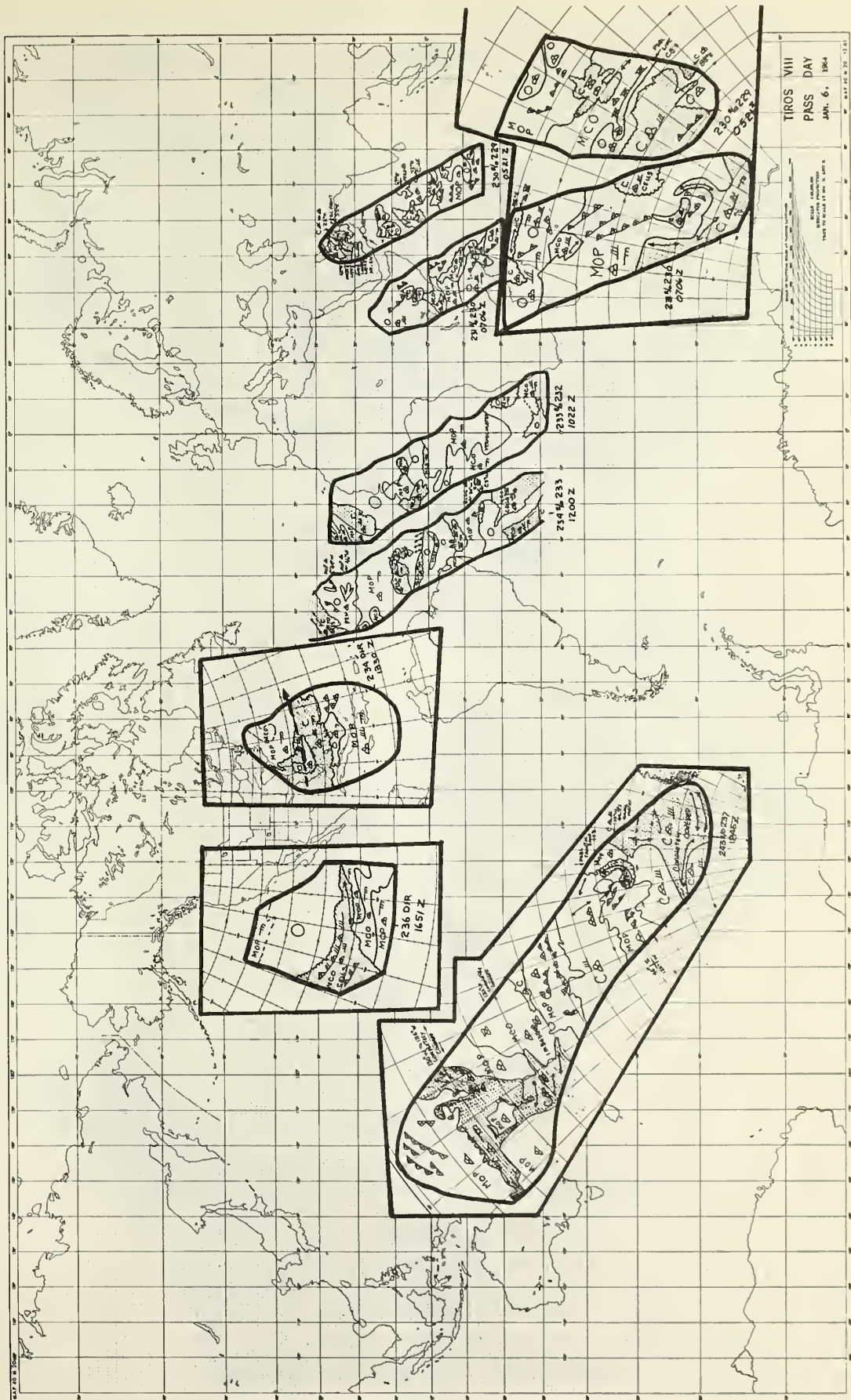


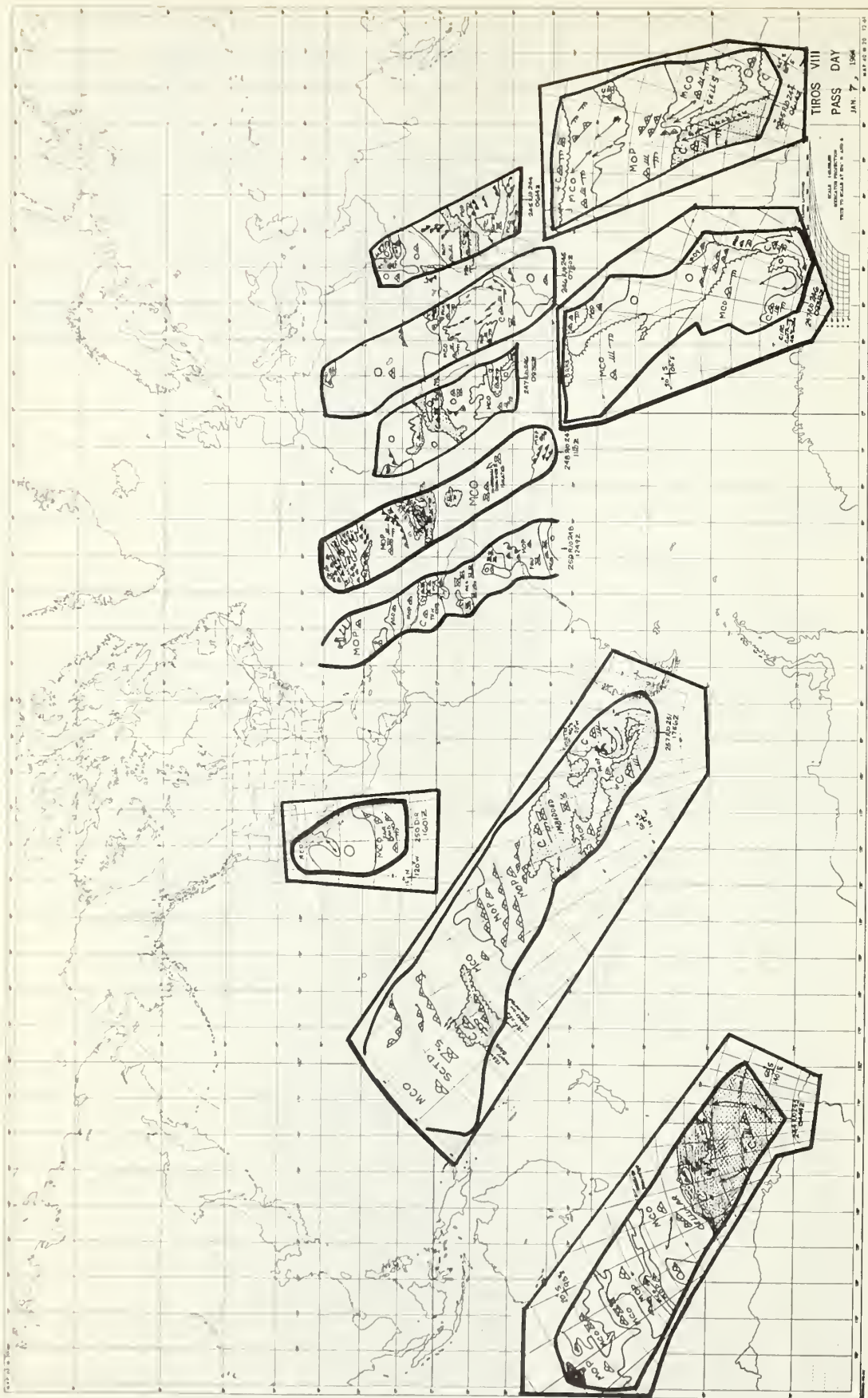


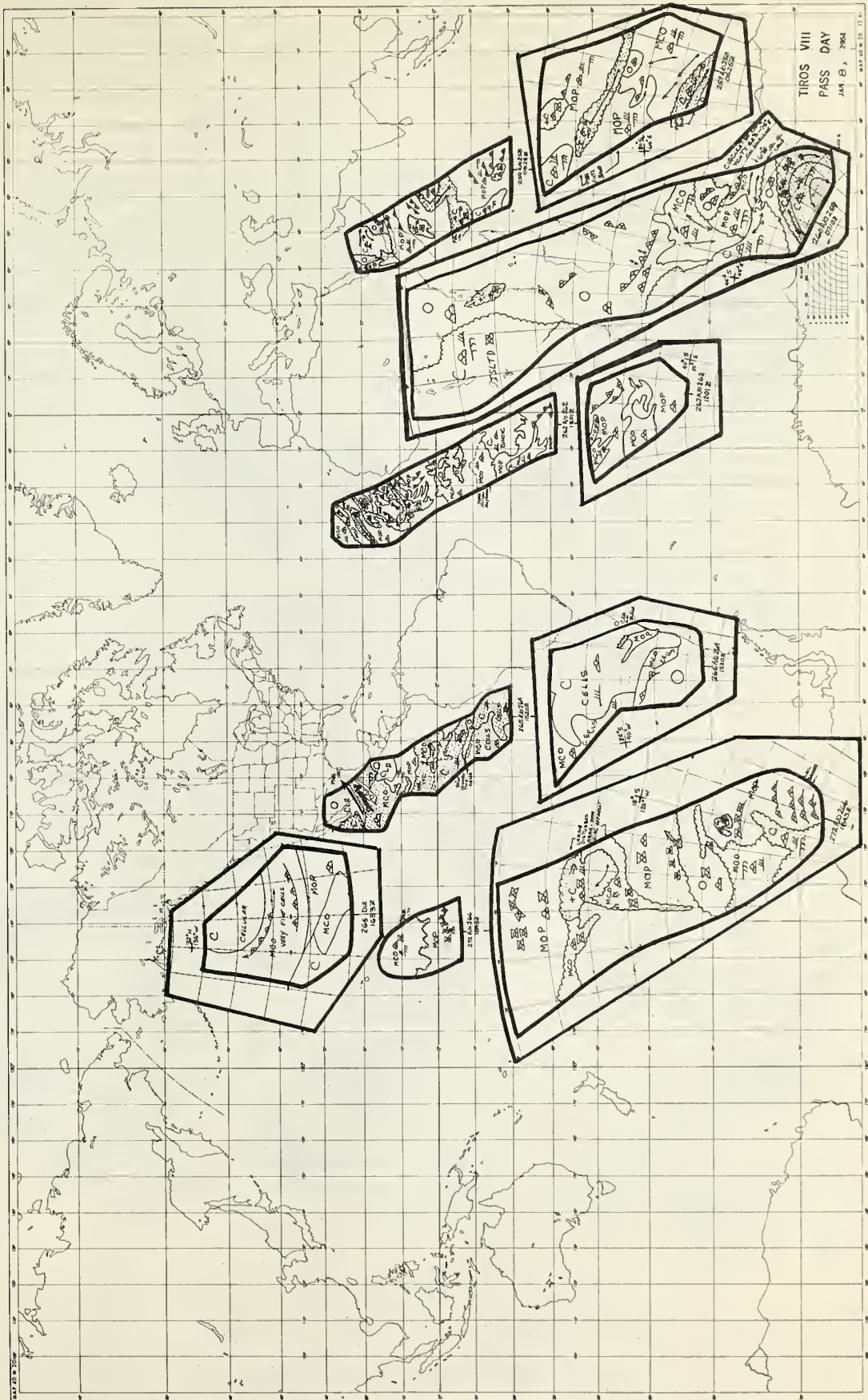




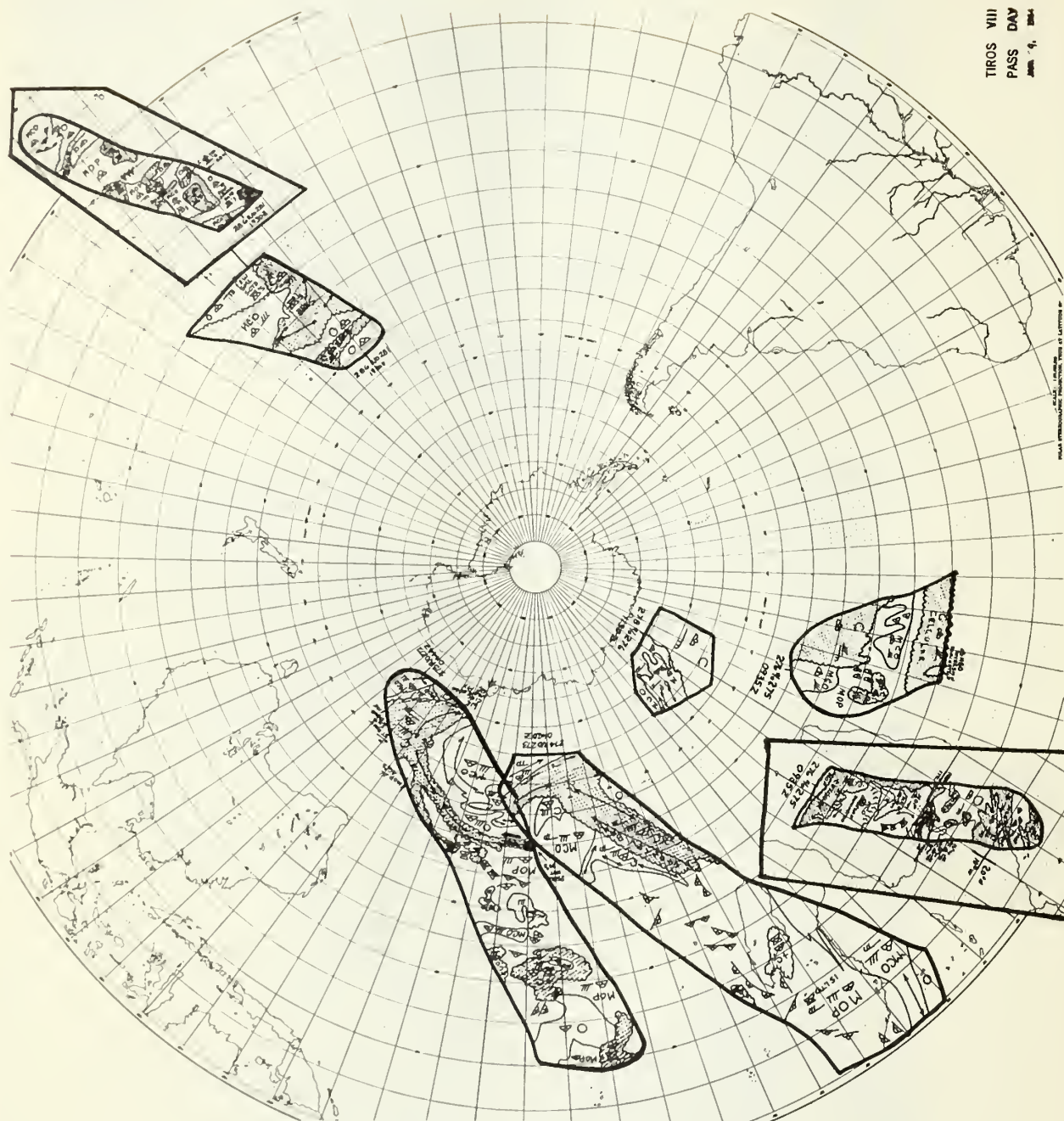




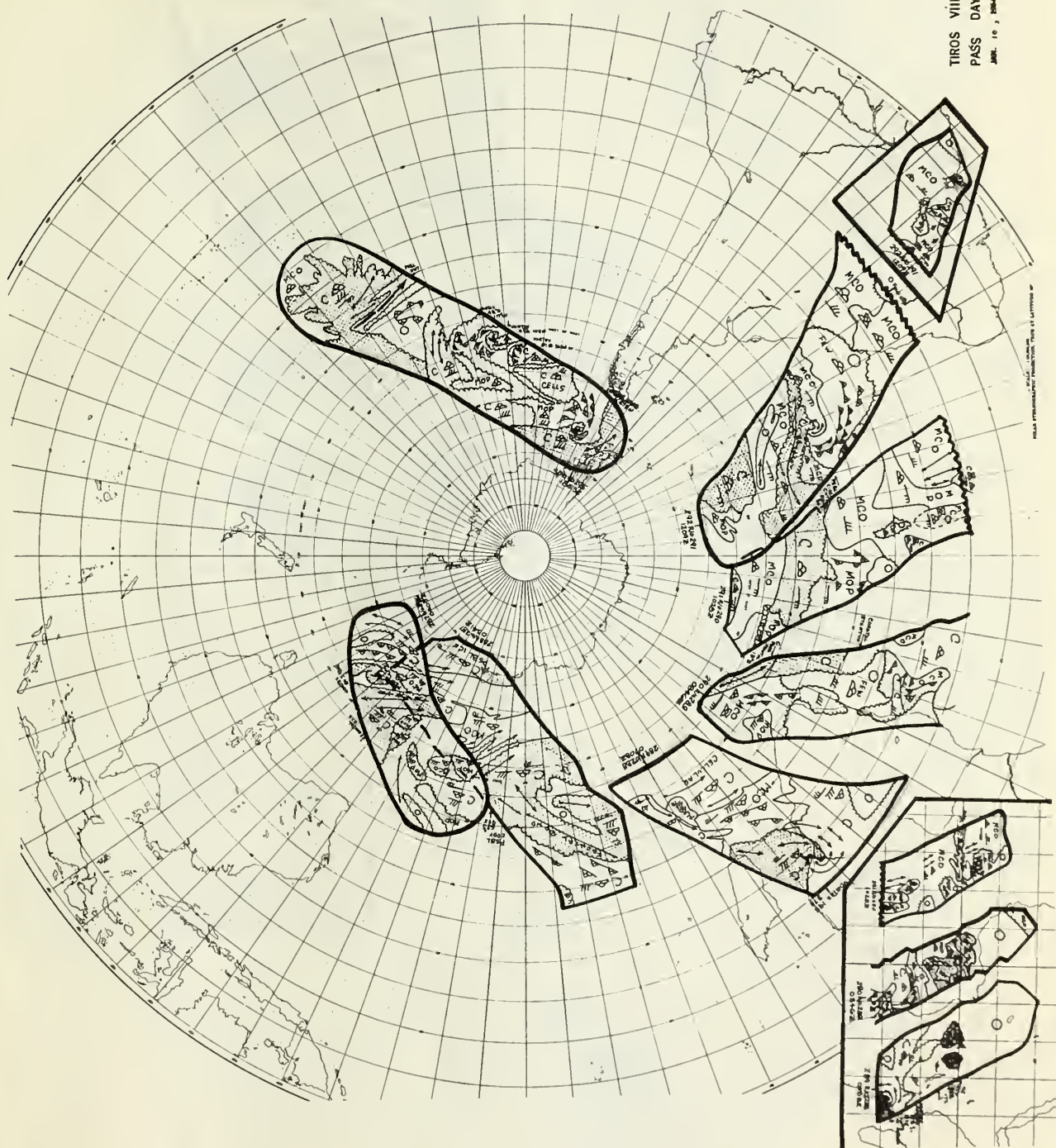


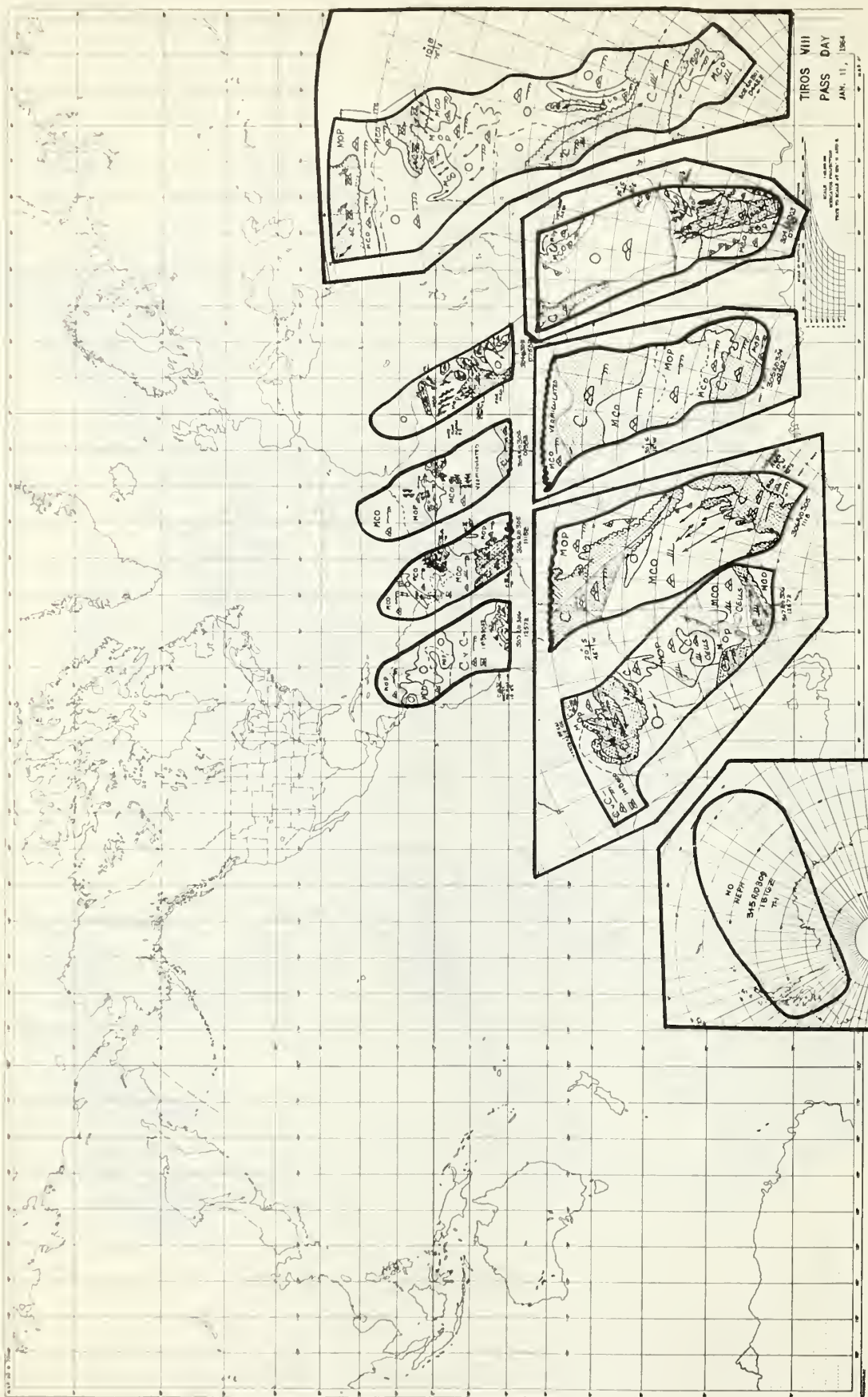


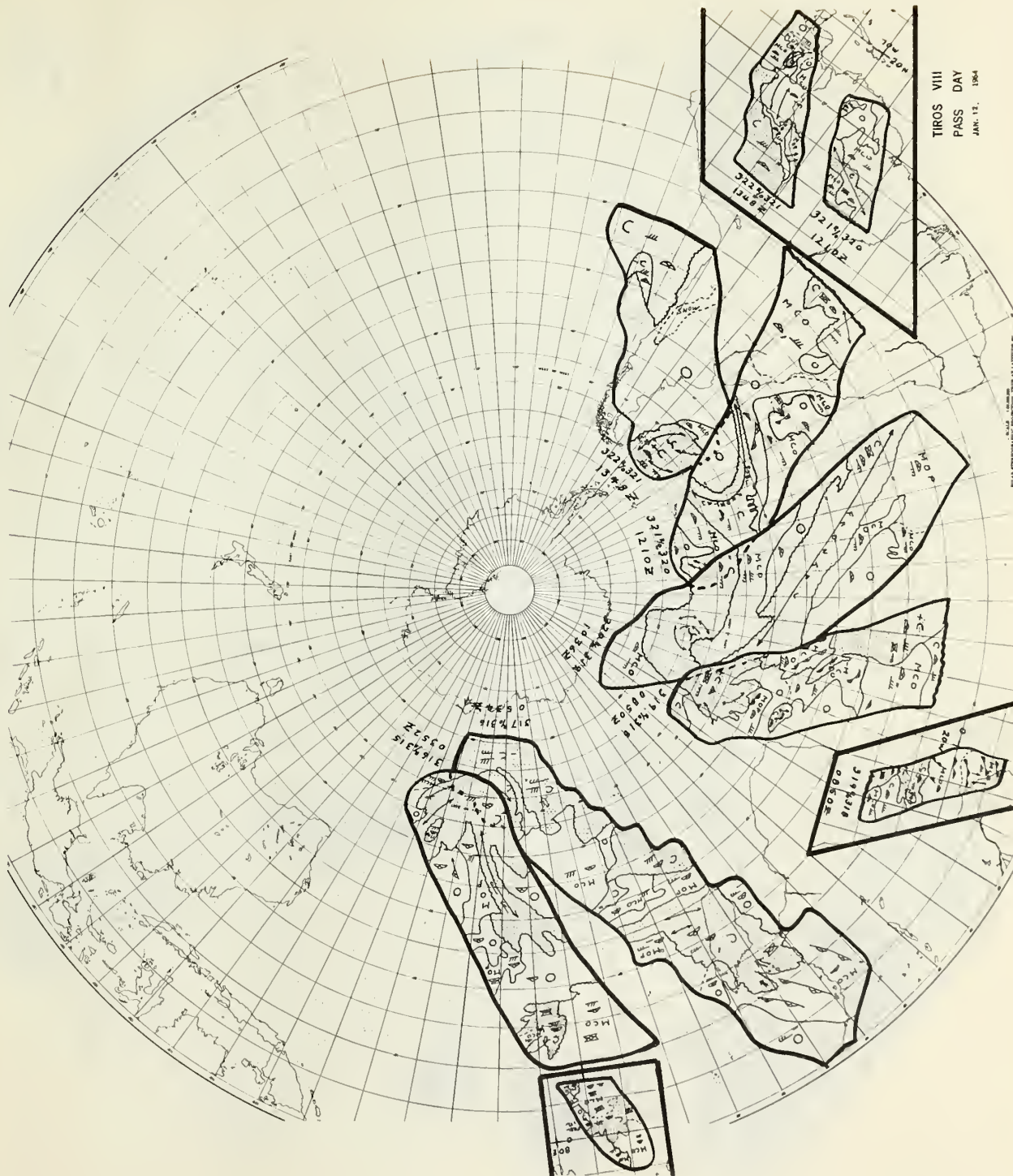
SCALE: 1 IN. = 100 FT.



SCALE 1:10,000,000



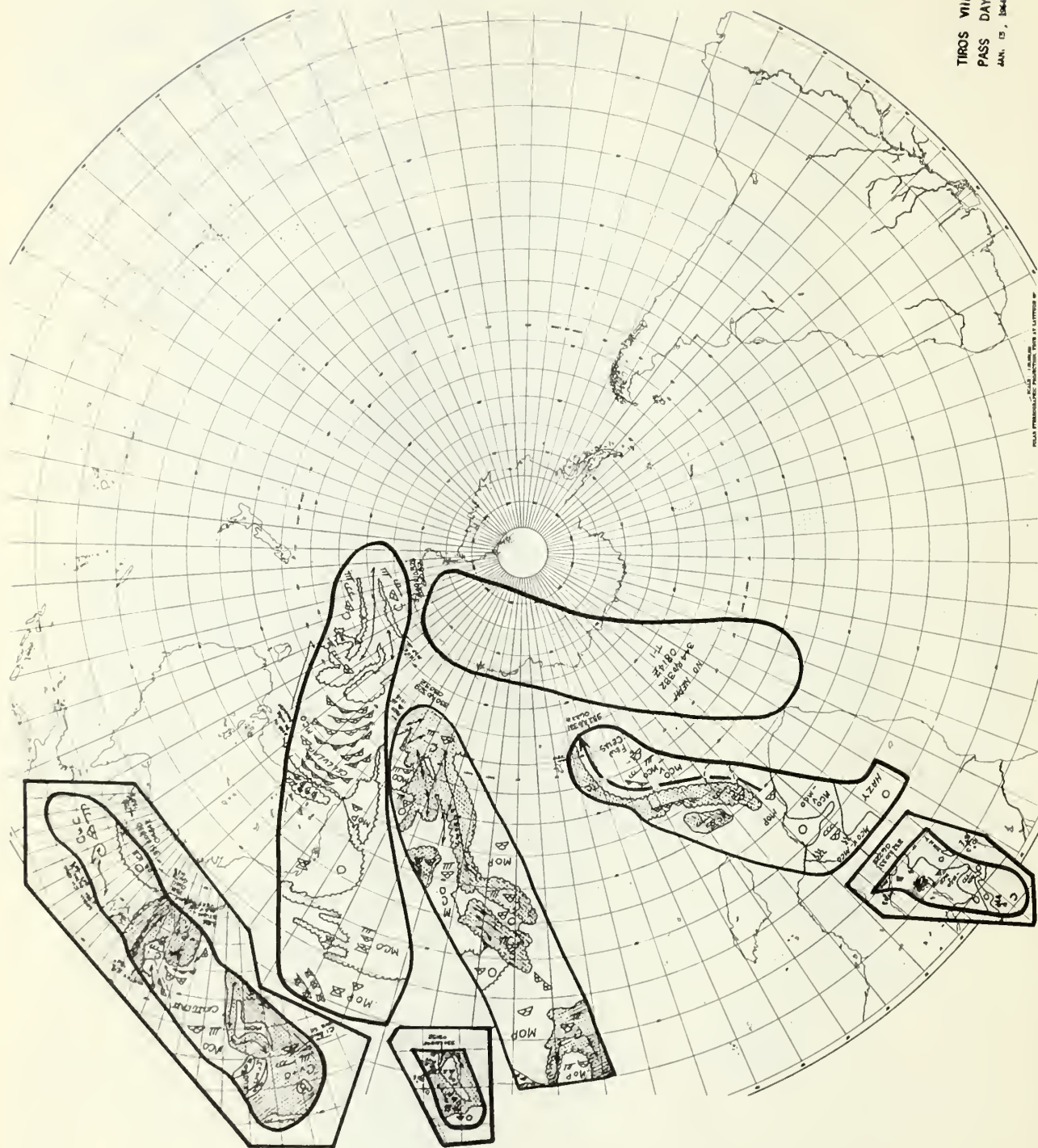


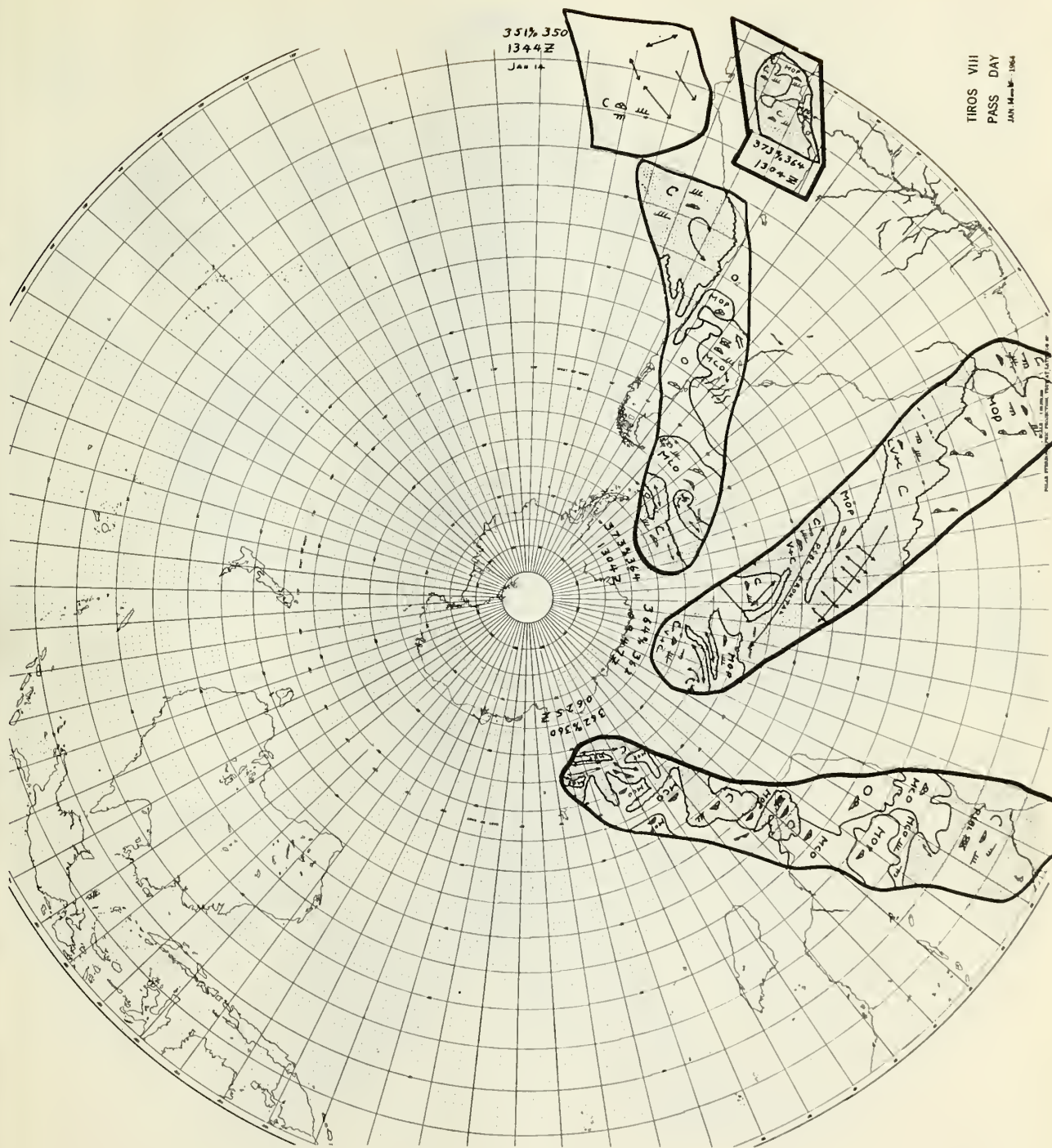


TIROS VIII
PASS DAY
JAN. 12, 1964

U.S. AIR FORCE - WASHINGTON, D.C.
POLAR PROJECTION - PROJECTION TYPE AT LATITUDE 90°

TIROS VIII
PASS DAY
JAN. 13, 1964

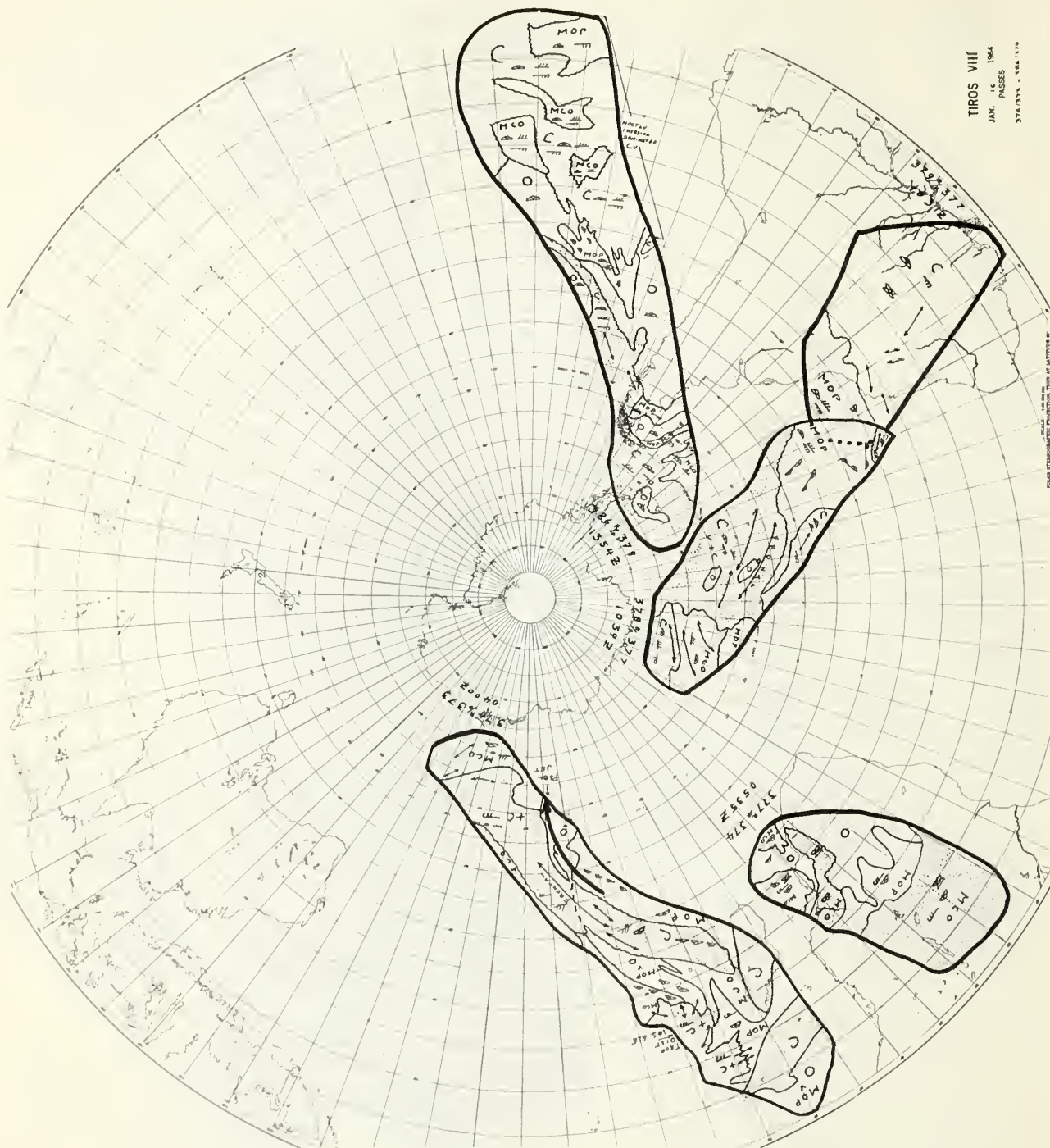




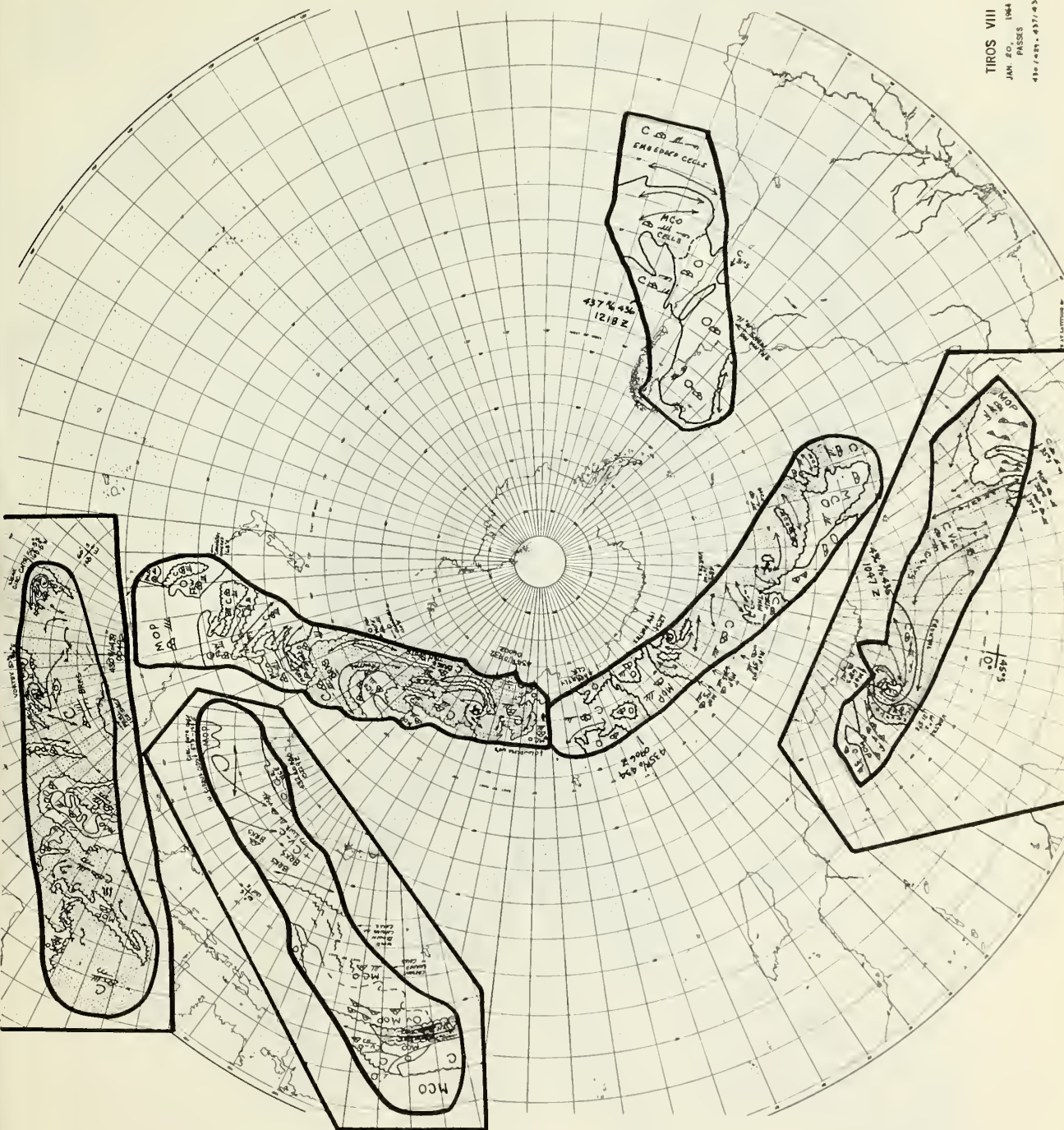
TIROS VIII
PASS DAY
JAN 14-15 1964

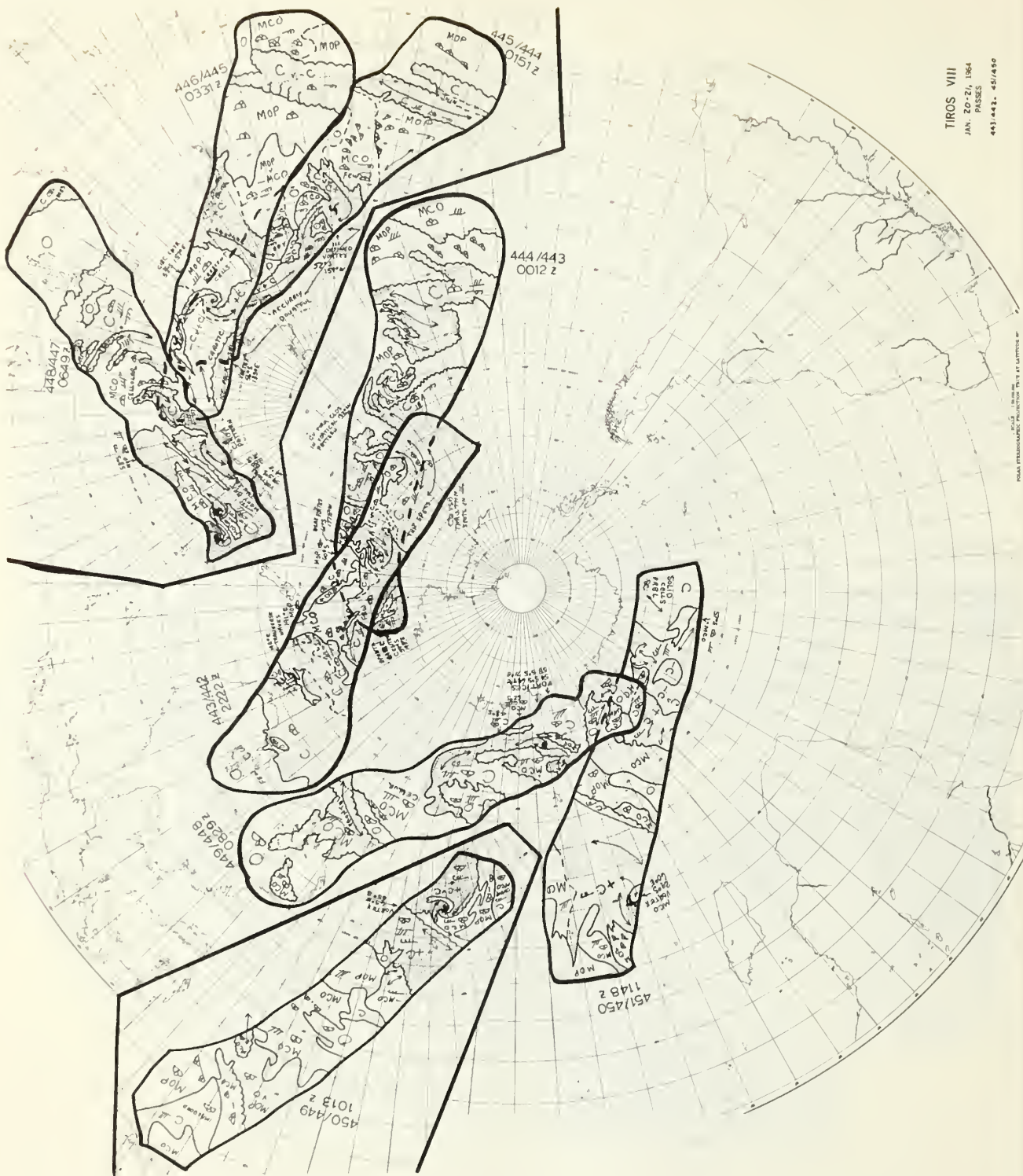
PLATE PREPARED BY THE AIR FORCE PHOTOGRAPHIC CENTER

76/177. 482/170



430/029. 437/036

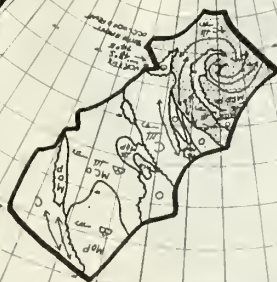
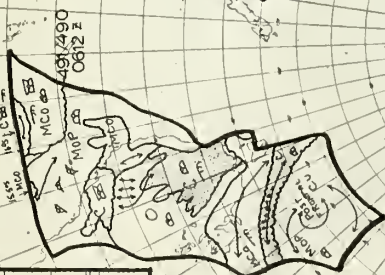
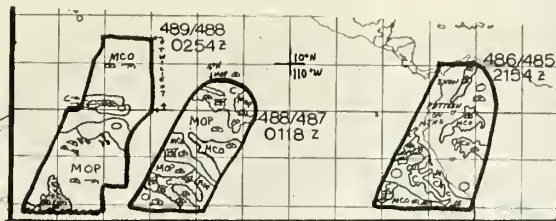




TIROS VIII
JAN. 20-21, 1964
PAGES
443/442, 451/450

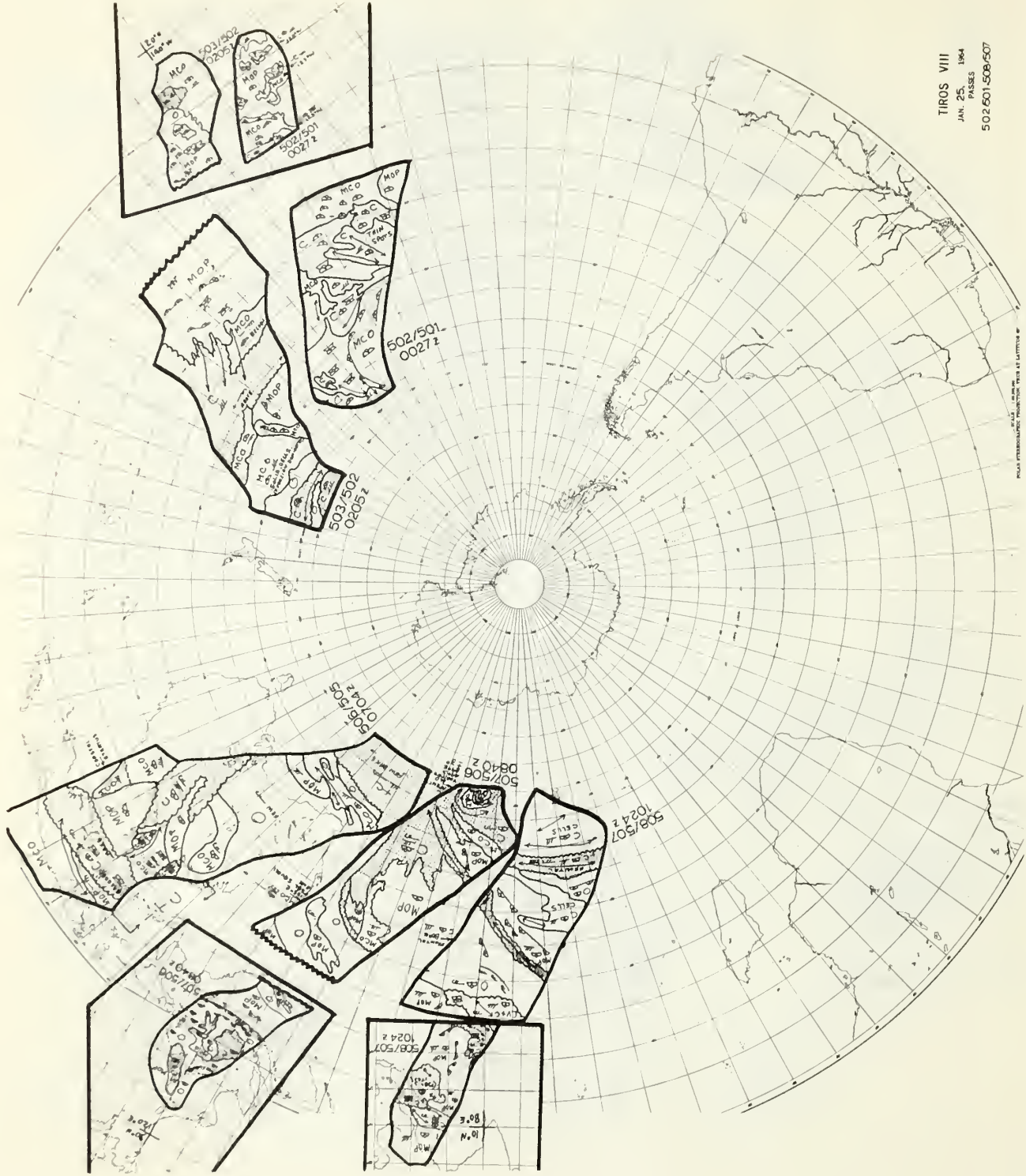
FOR TRANSMISSION PRINTING FILE BY SUPPORT

TIROS VIII
 JAN 23-24 1964
 PAGES
 486-485-483-482



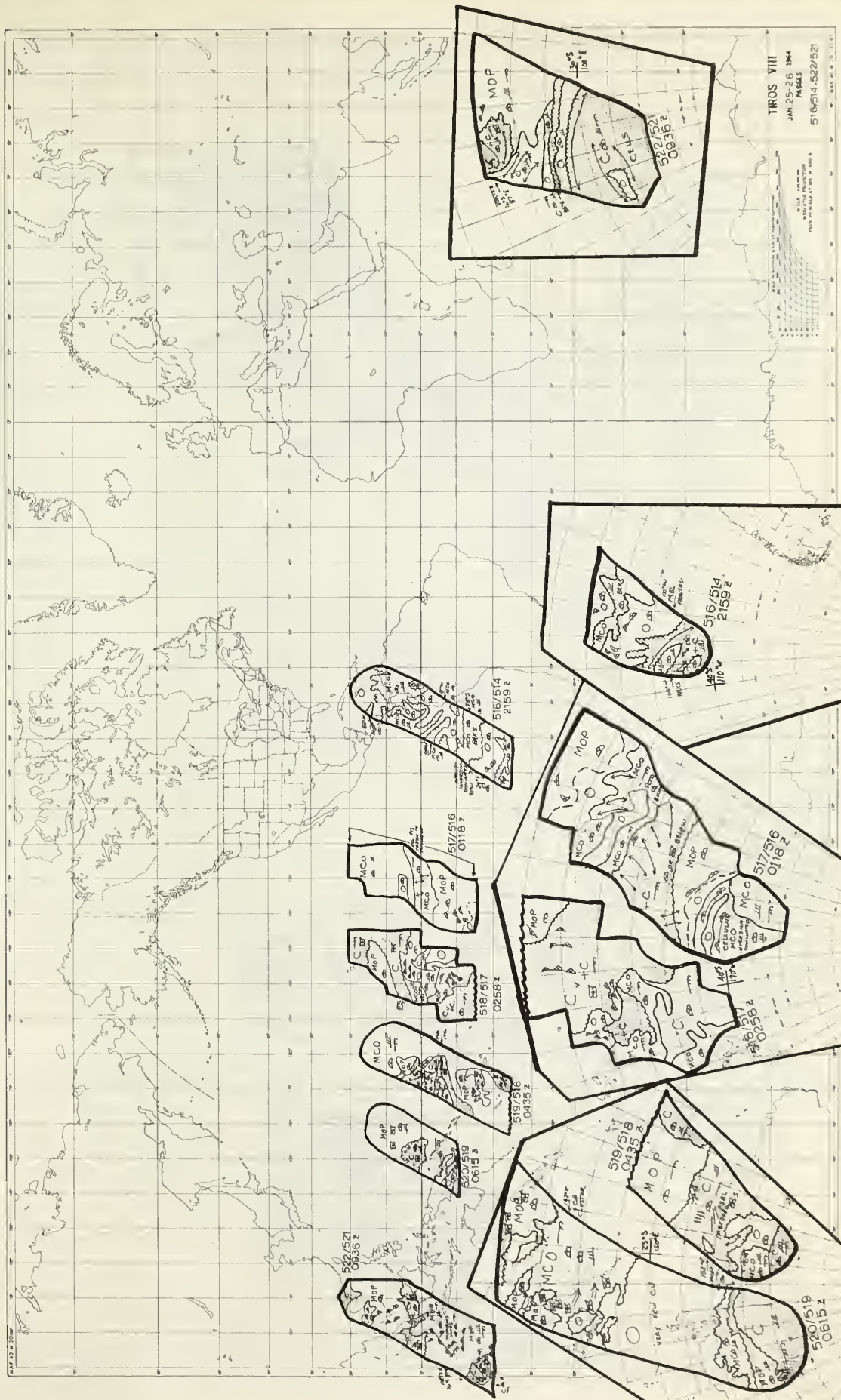
489/488 0254 Z

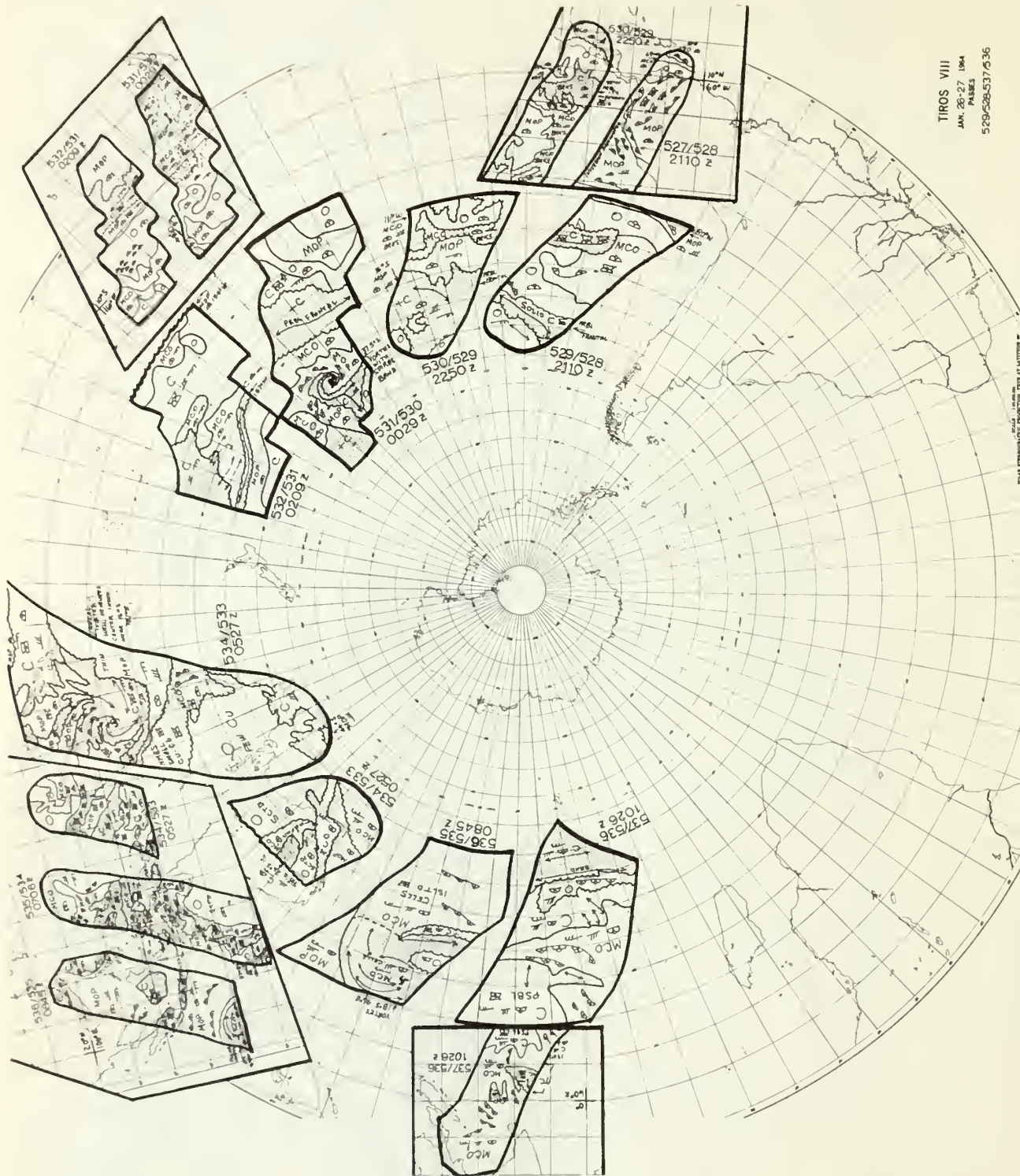
486/485 2154 Z



TIROS VIII
JAN. 25, 1964
PAGES
502/501-508/507

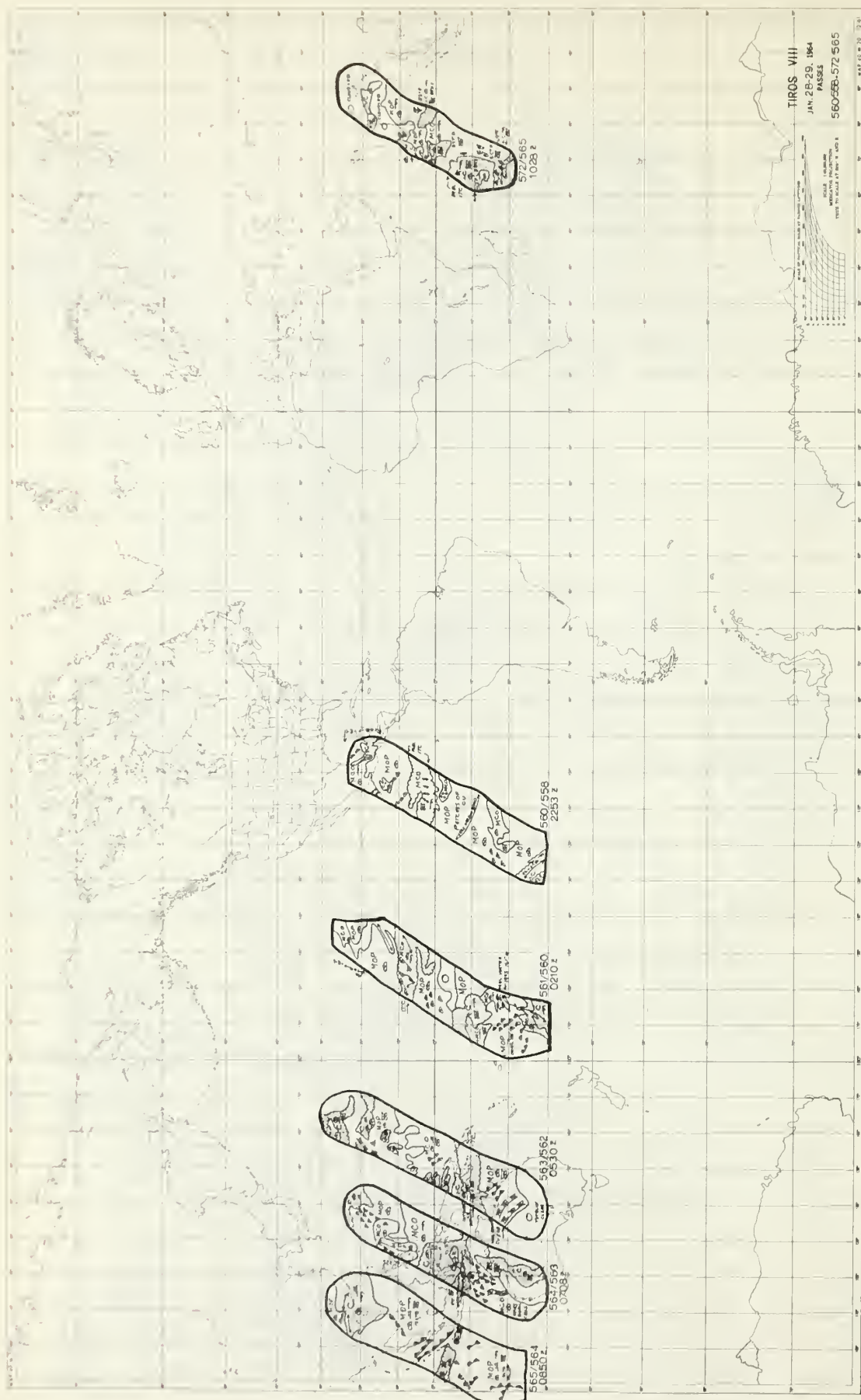
PLATE 502/501-508/507

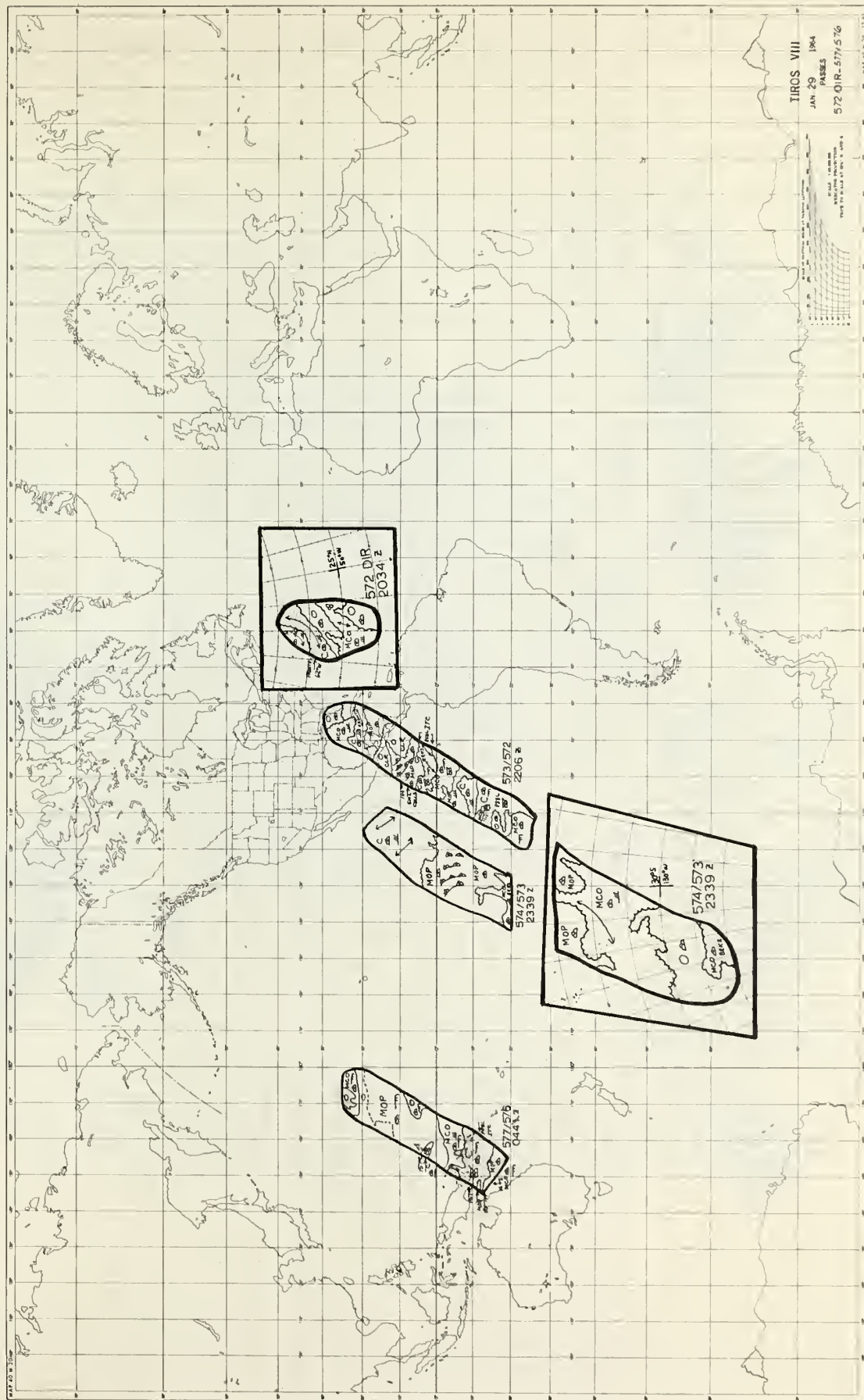


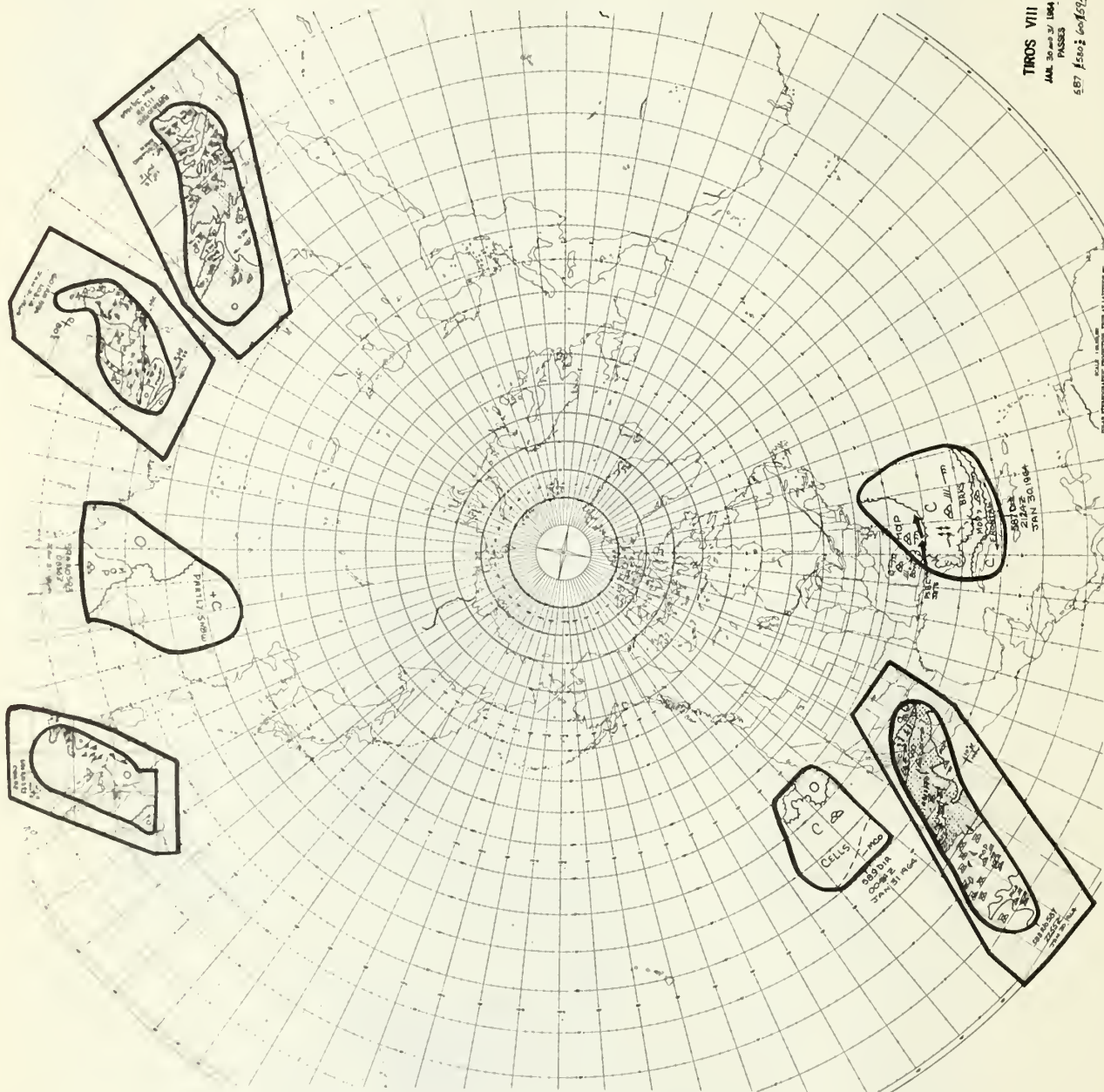


TIROS VIII
 JAN. 26-27 1964
 PAGES
 529-538-537/536







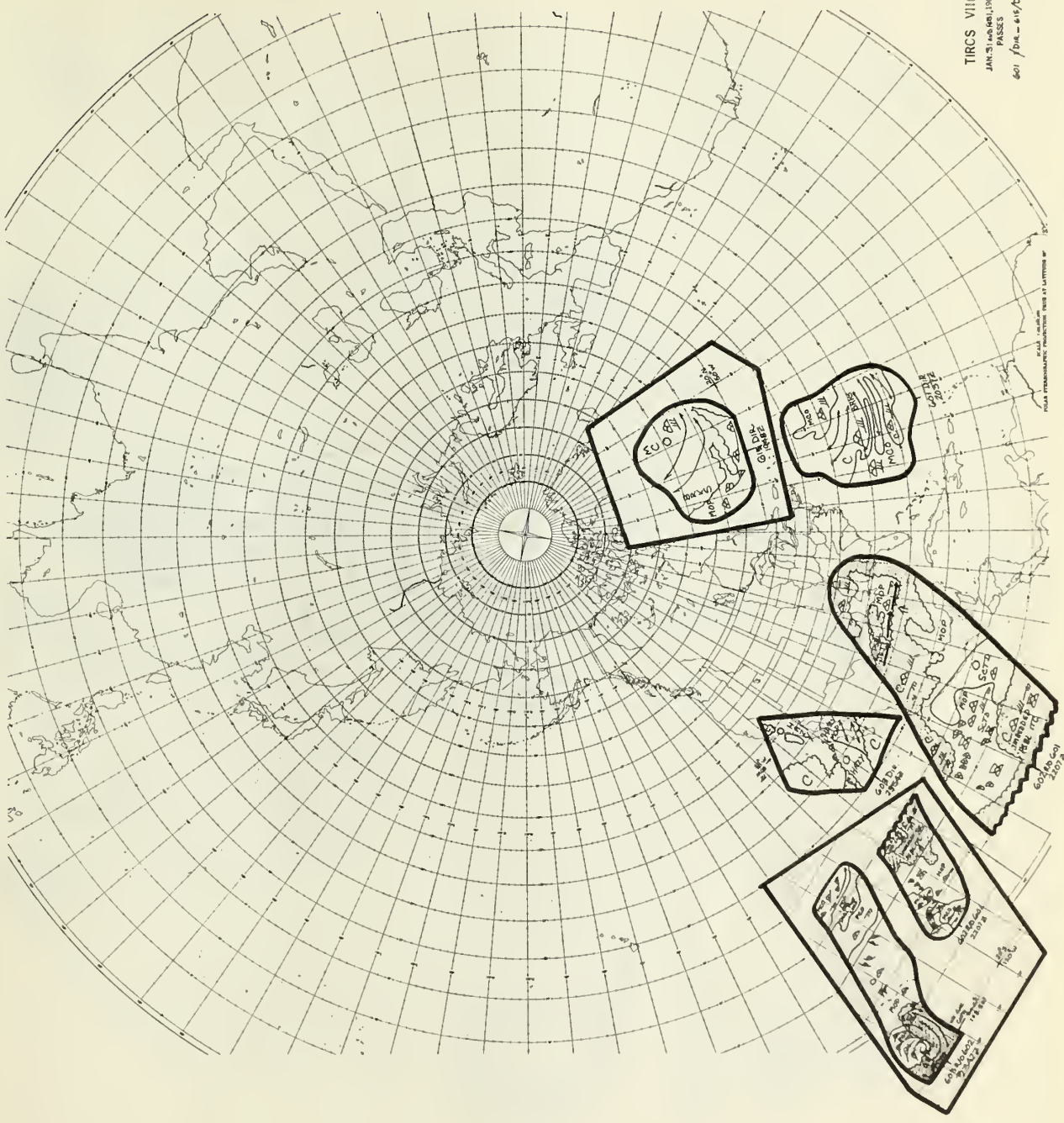


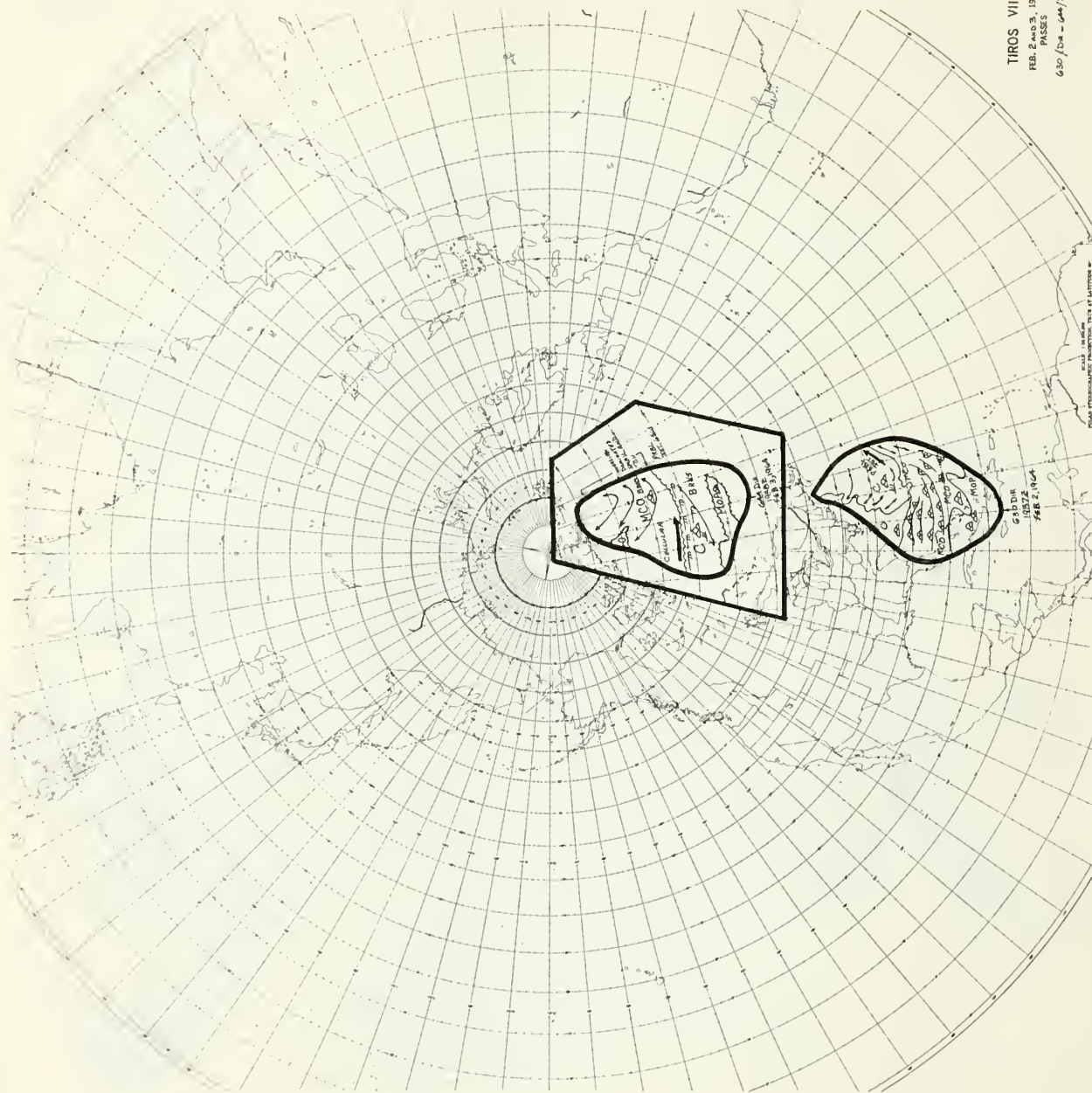
TIROS VIII
JAN 30 00:00 1964
PASS 53
687 1500 001512

POLE STAR/TRANSIT/PAINTING FROM 41 LATITUDE 80

SCALE 1 cm. (0.39 in.)

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 0°

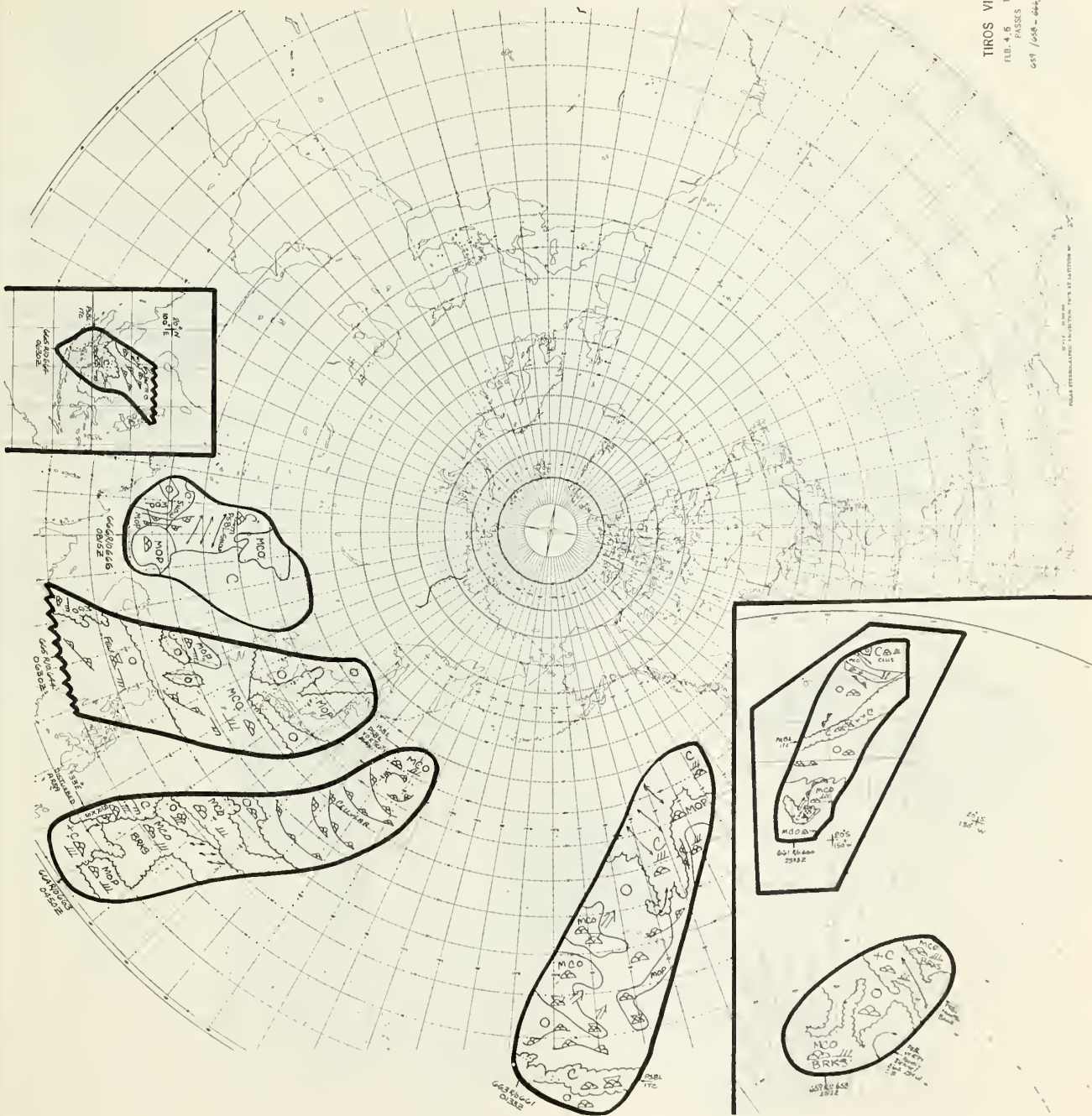


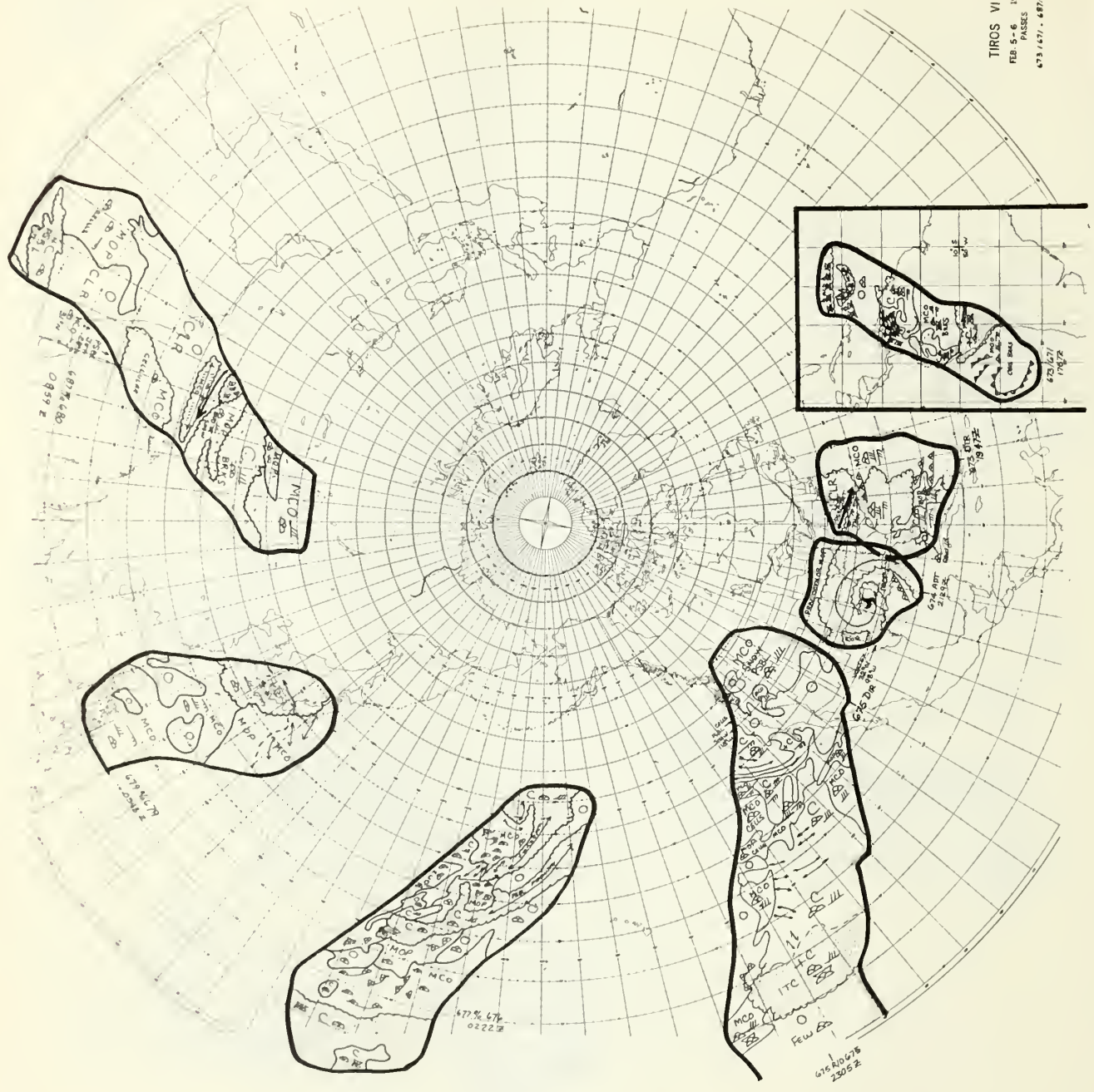


TIROS VIII
 FEB. 2 AND 3, 1964
 PASSES
 630/124 - 444/124

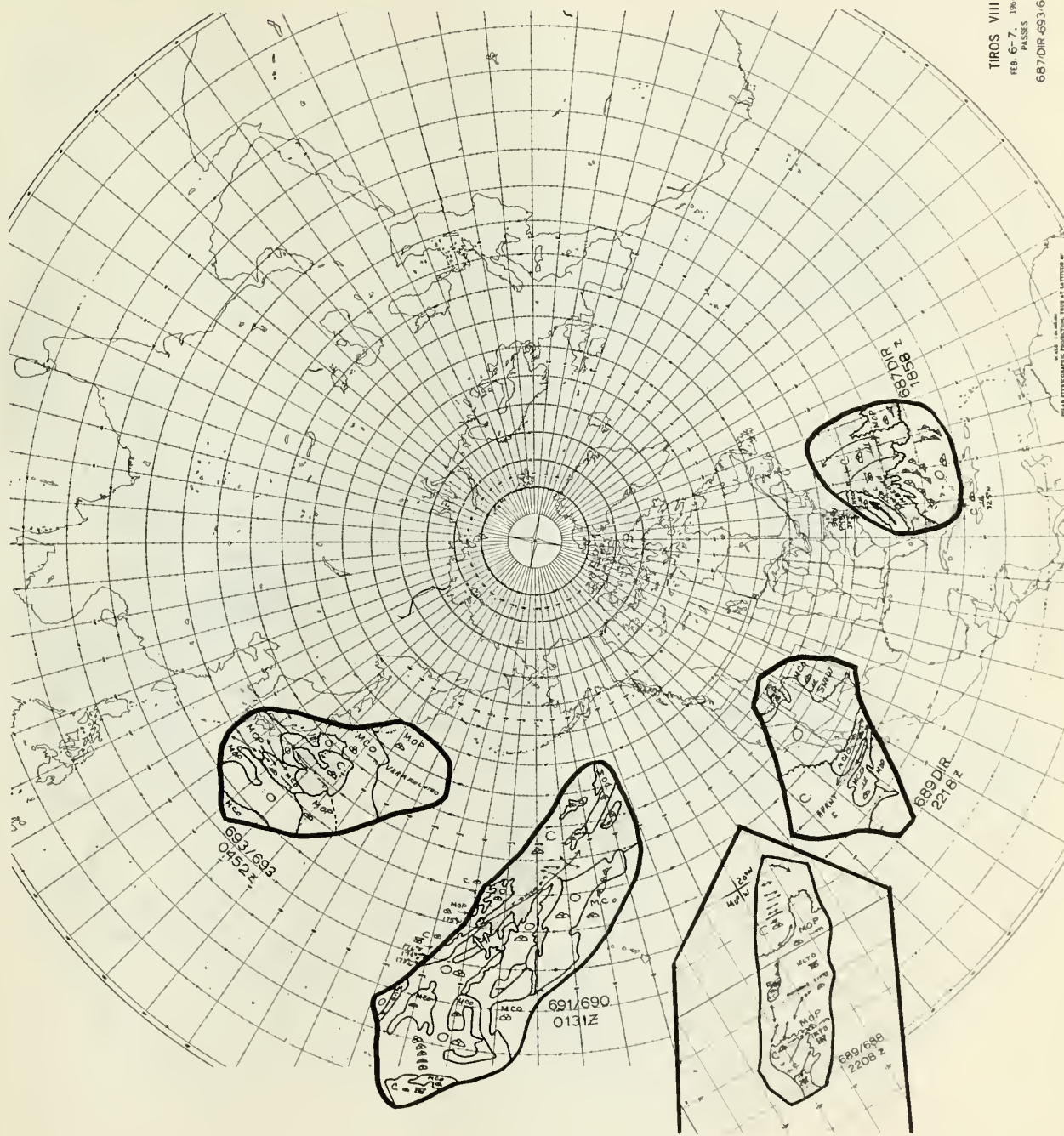
POLEAR PROJECTION/ARCTIC/ANTARCTIC/15° LATITUDE

06*10 00 000 000

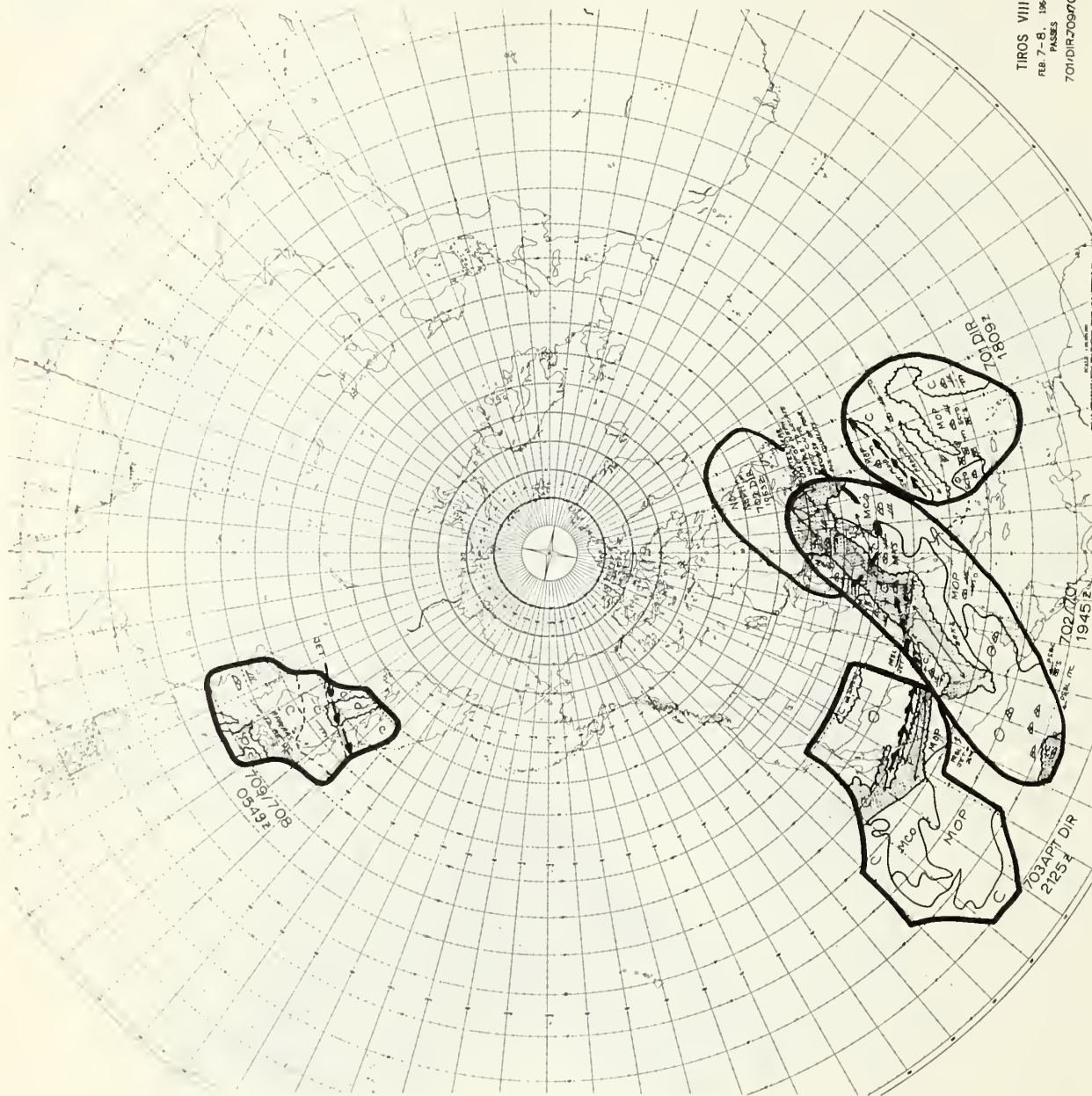




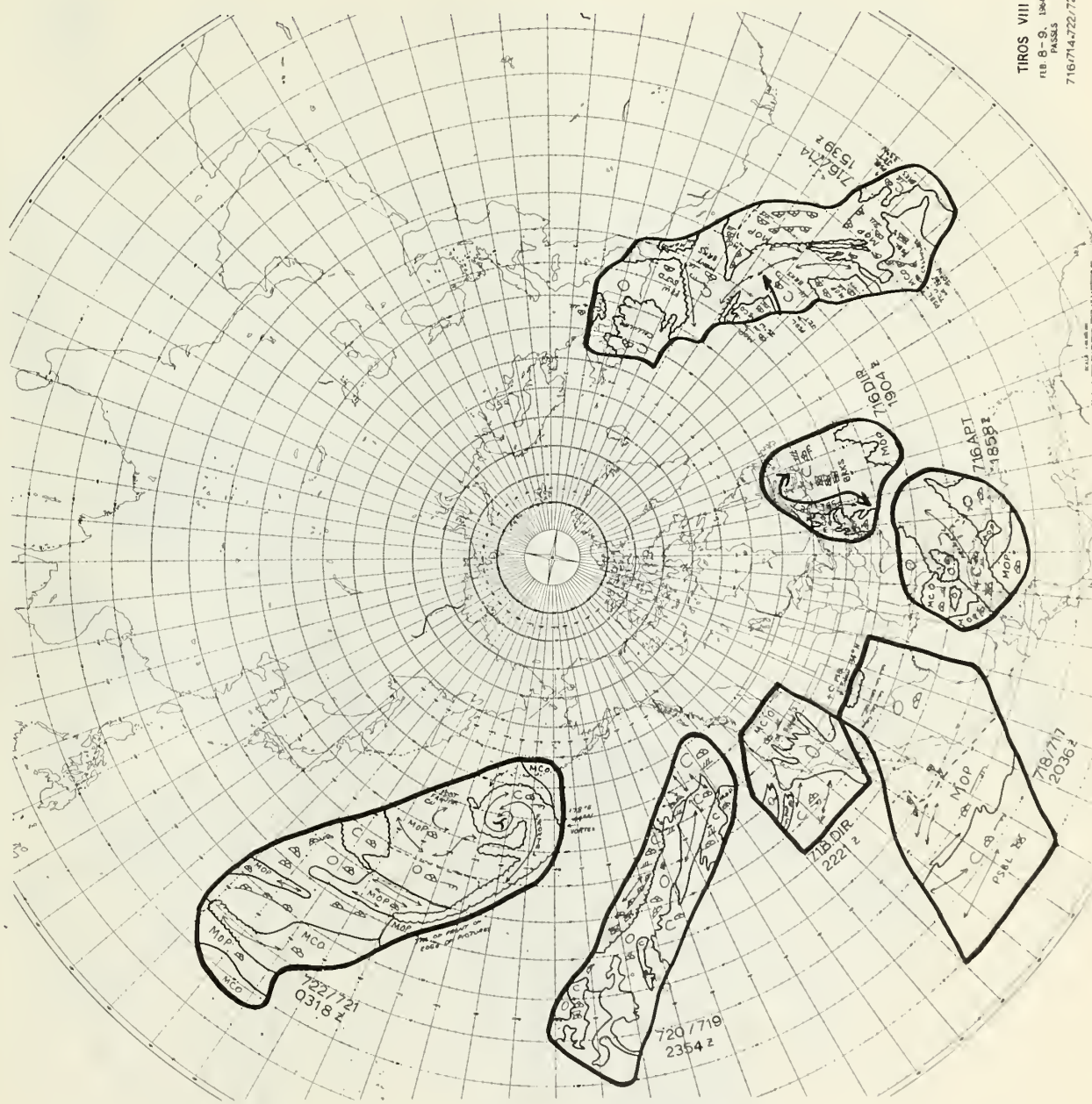
TIROS VIII
 FEB 6-7, 1964
 PASSES
 687DIR 693 692



U.S. AIR FORCE PHOTOGRAPHIC RECONNAISSANCE DIVISION

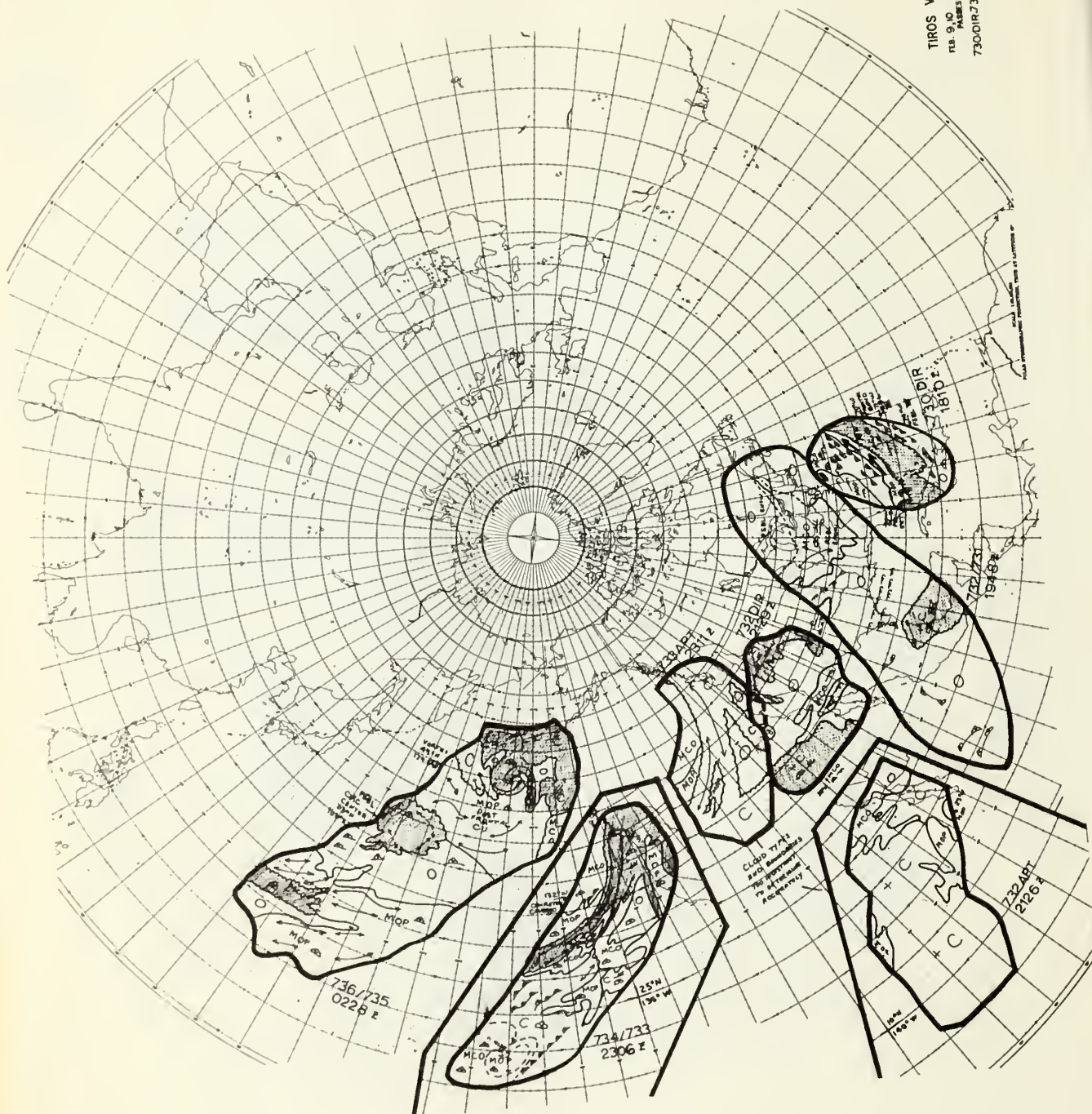


TIROS VIII
FEB. 7-8, 1964
PAGES
701DIR209708

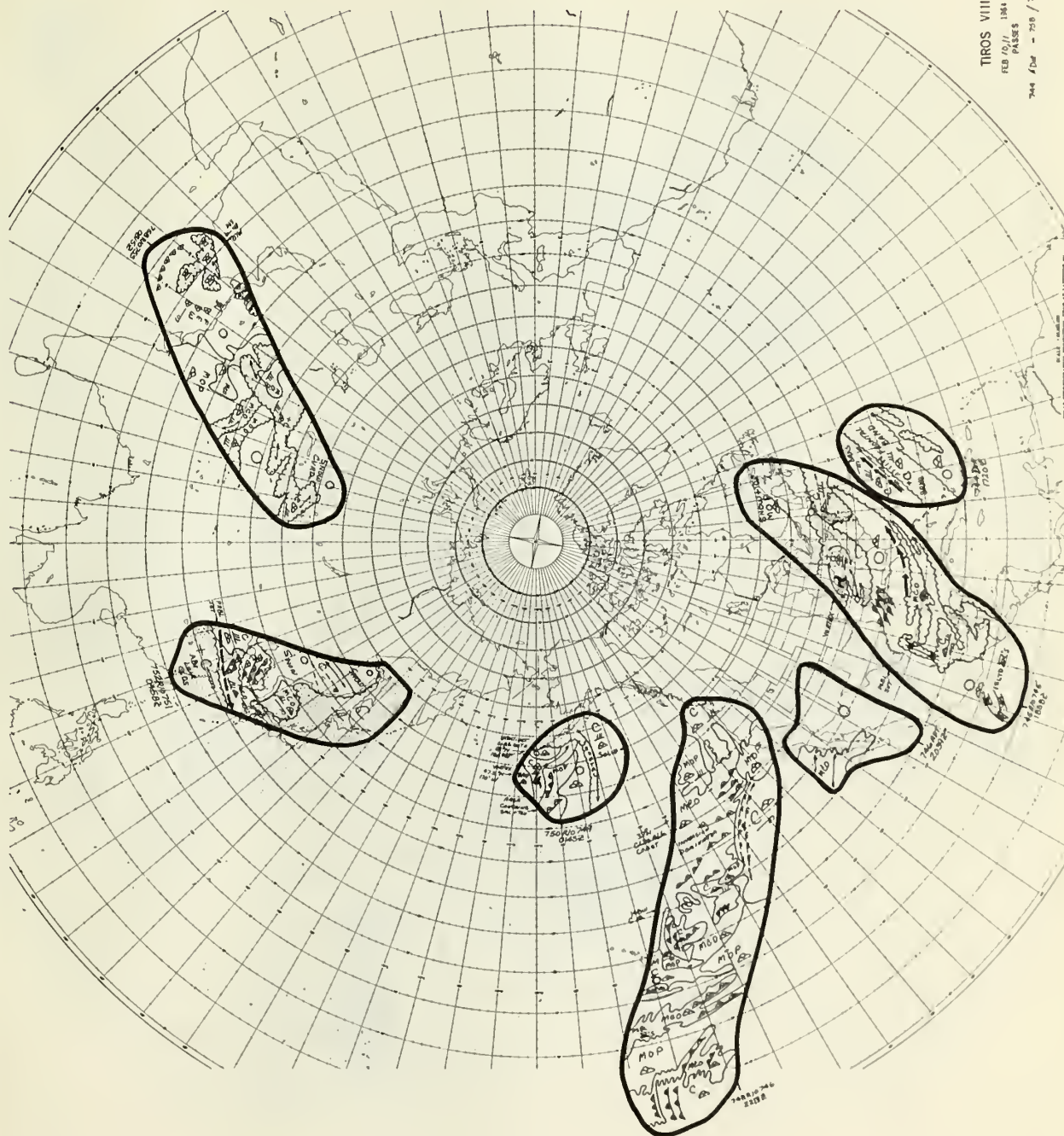


TIROS VIII
 FEB 8-9, 1964
 145515
 716/714/22/721

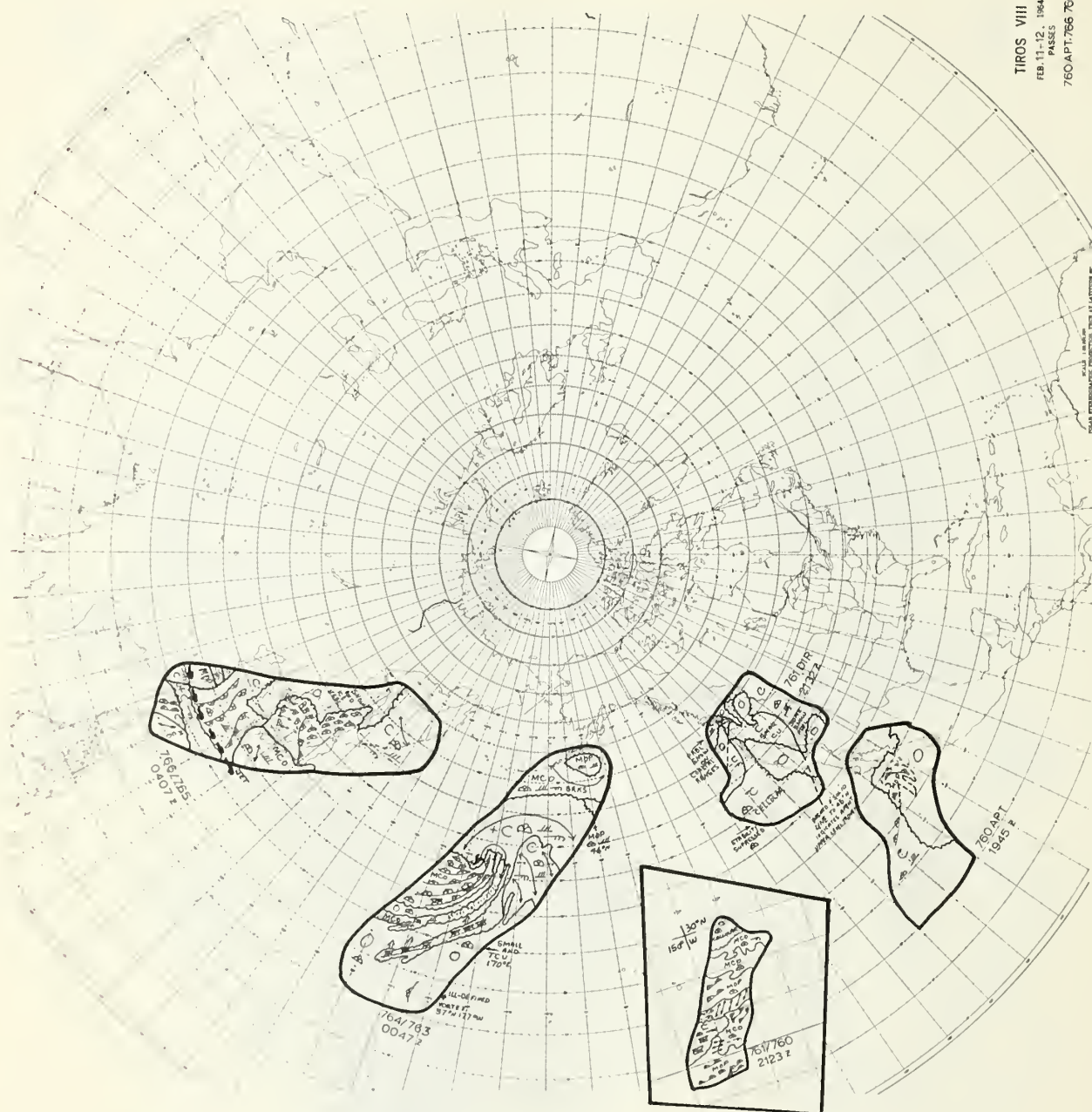
TIROS VIII
 FEB. 9, 1964
 PALMER
 73001R/736735

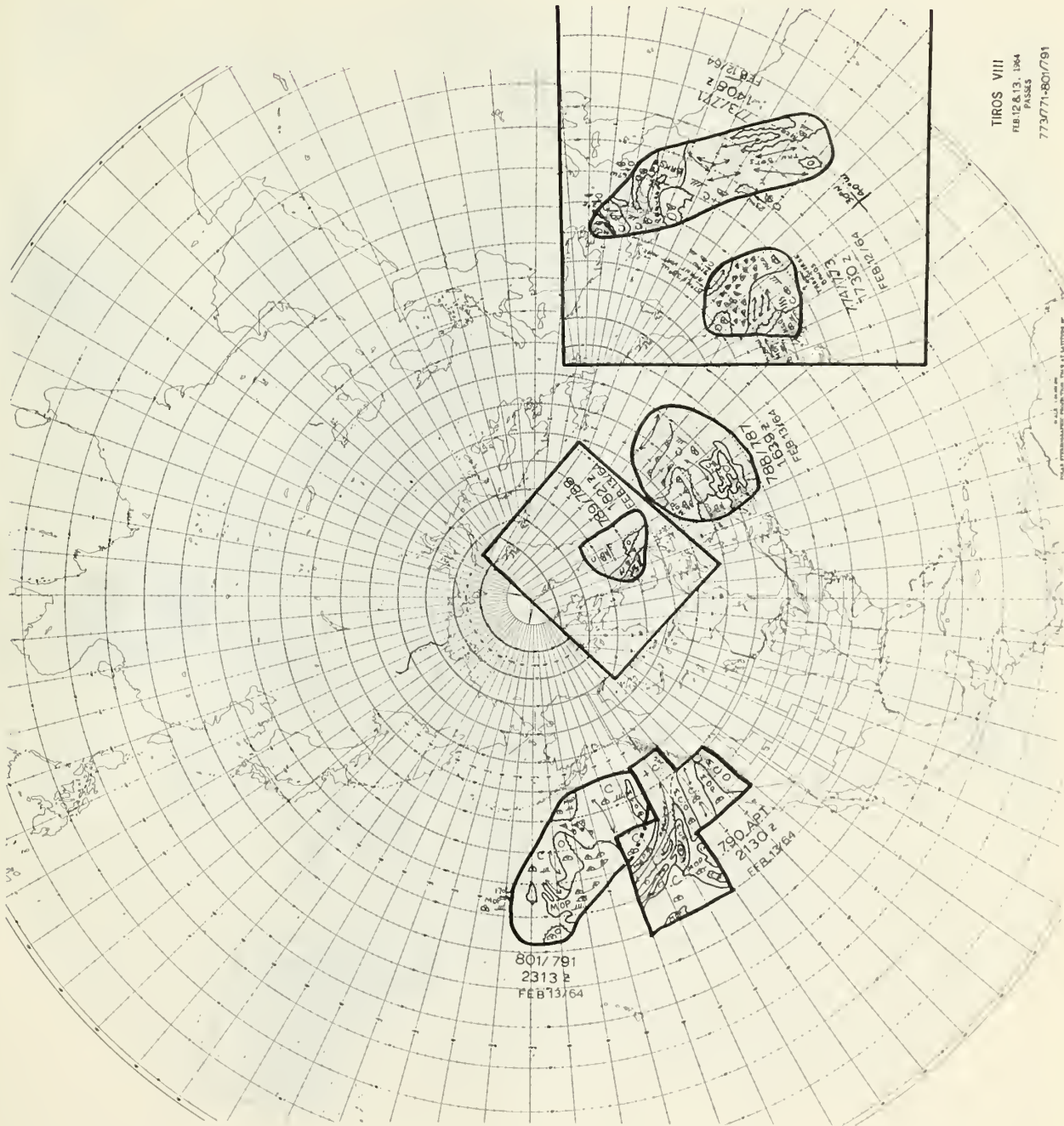


DEAL - 10.00.00



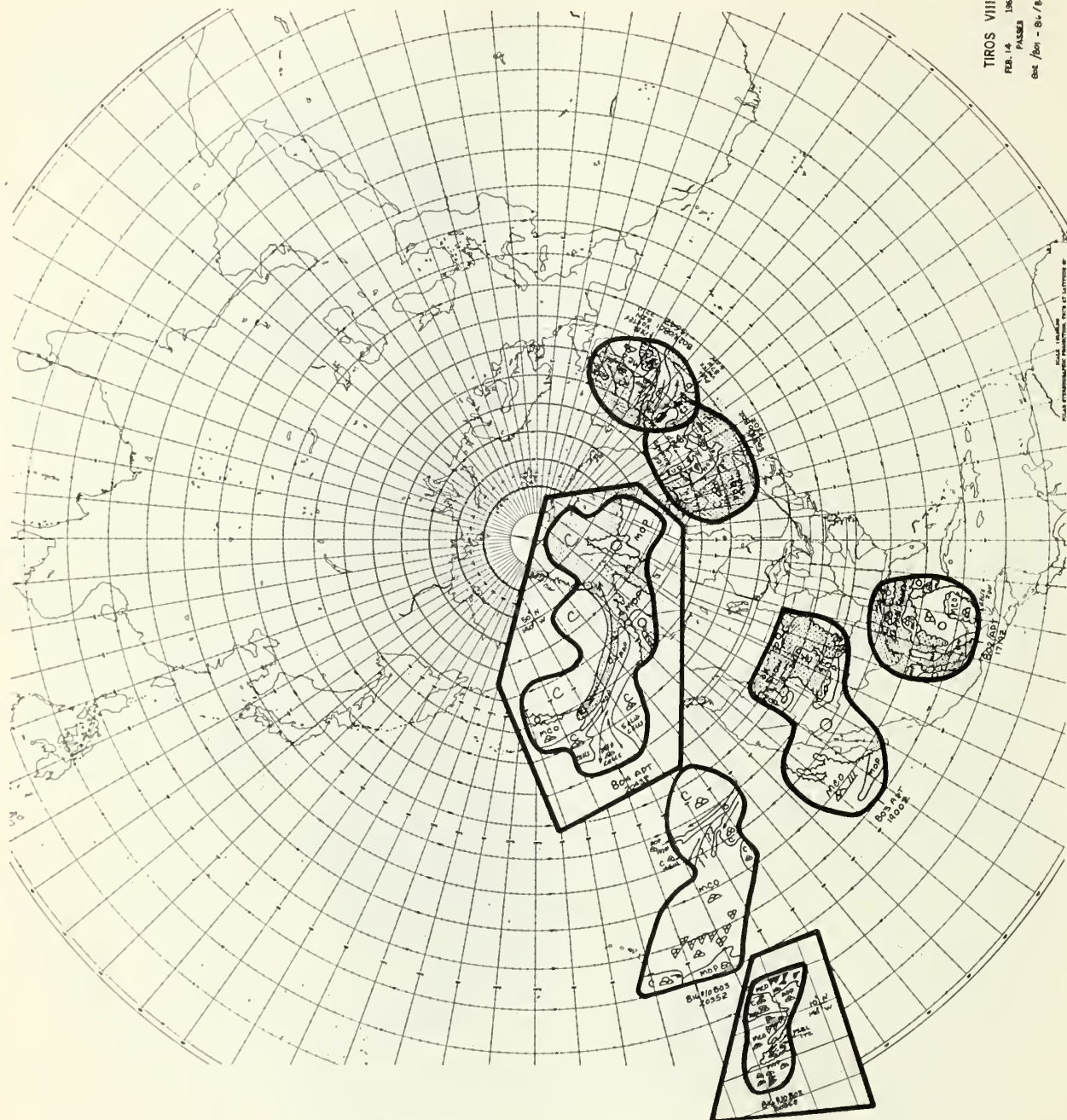
TIROS VIII
 FEB. 11, 12, 1964
 PAGES
 760 APT. 766 765

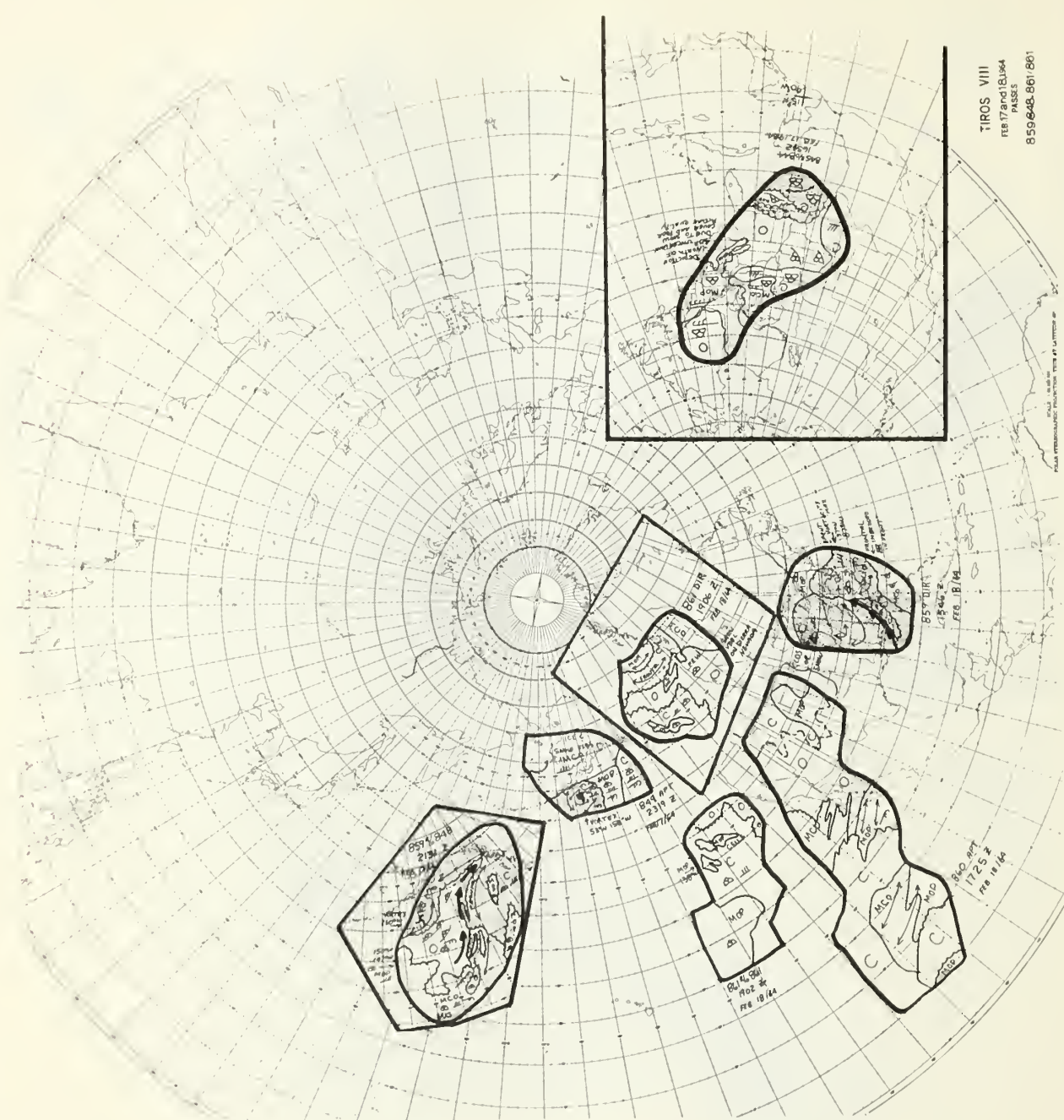




TIROS VIII
 FEB. 12 & 13, 1964
 PAGES
 77371-801/791

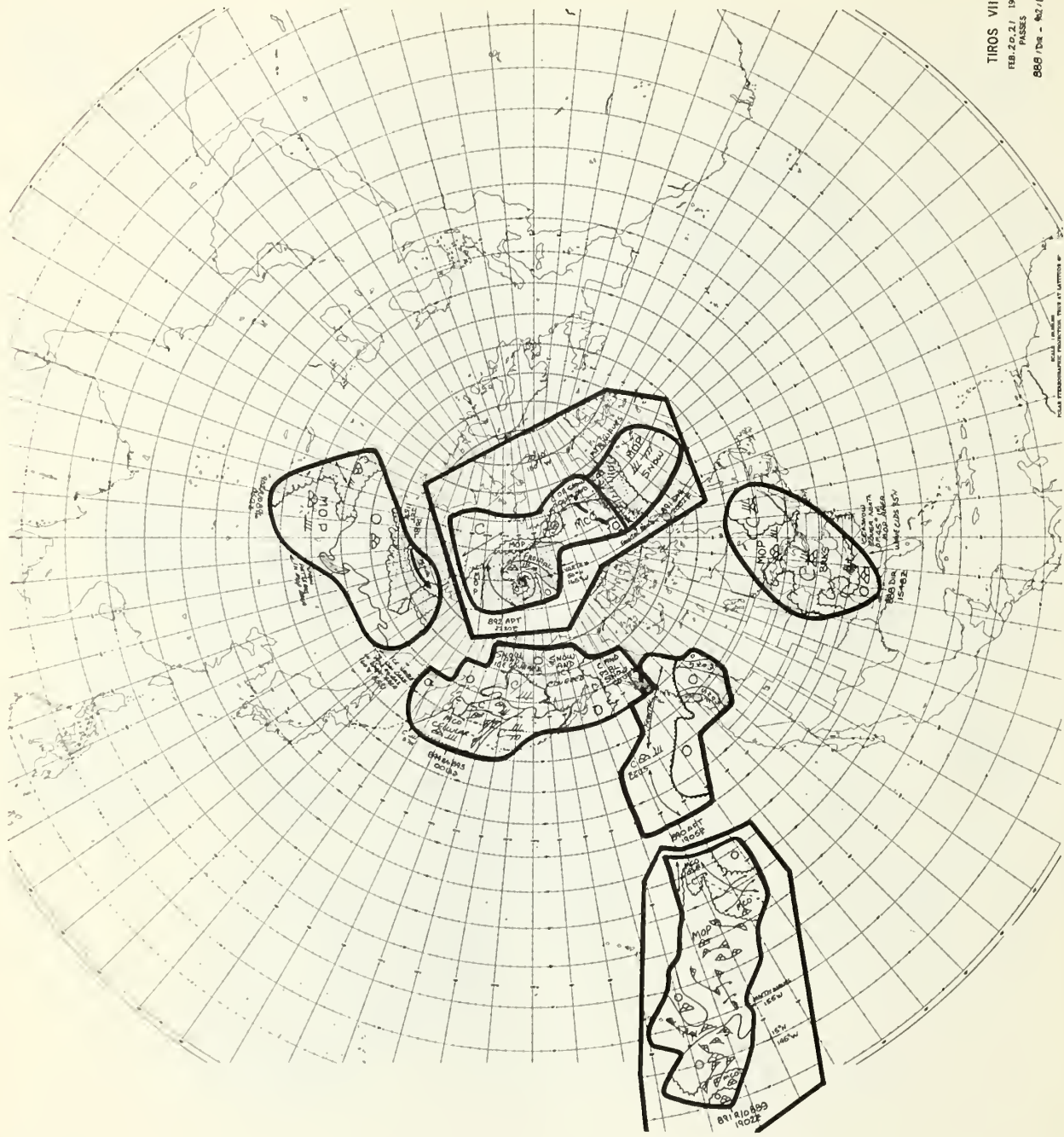
802 / 201 - 86 / 803





TIROS VIII
 FEB 17 and 18, 1964
 PASSES
 859/648, 861/881

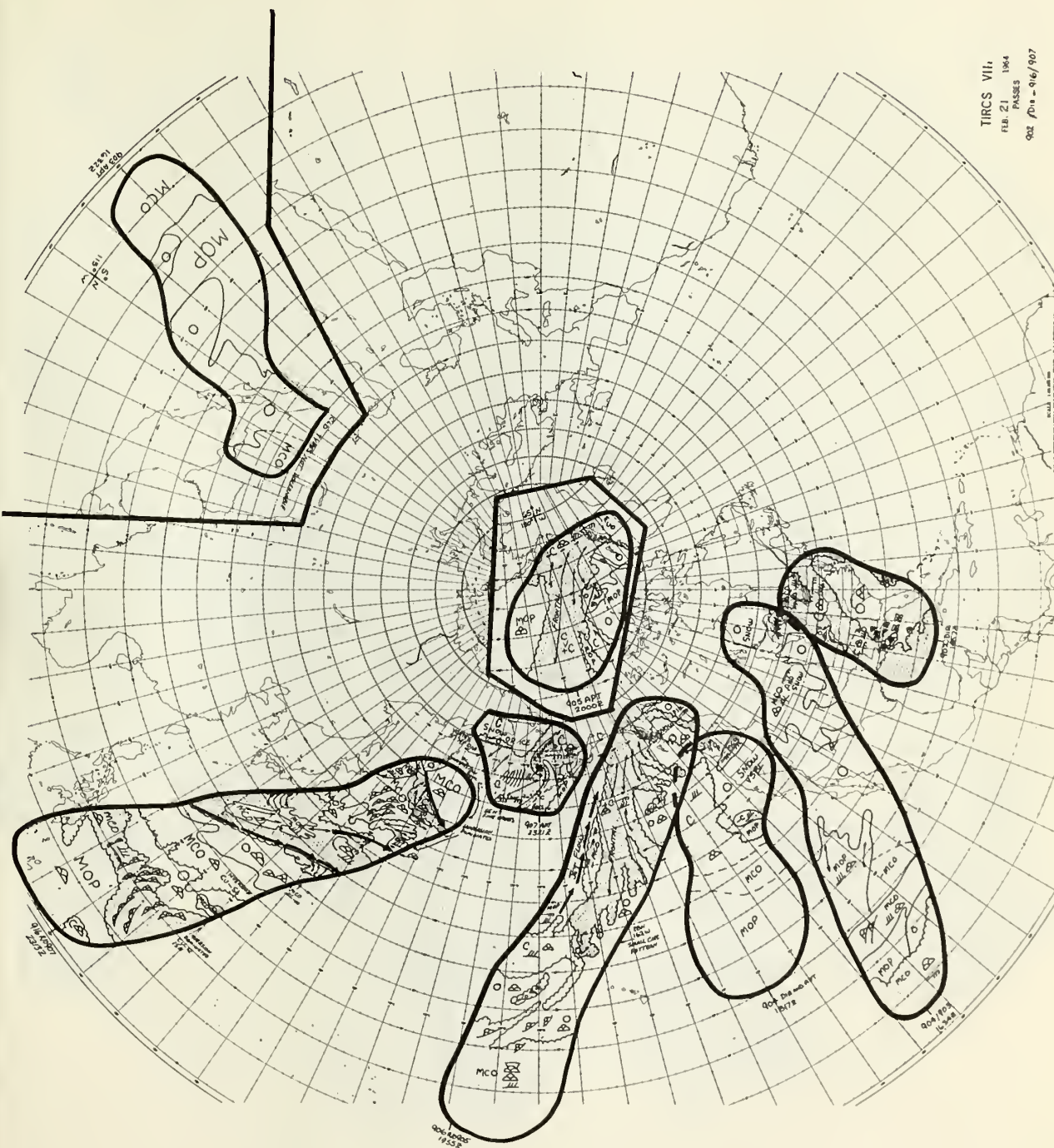
ARCTIC REGIONALIZATION FUNCTION: FEB 17, 1964



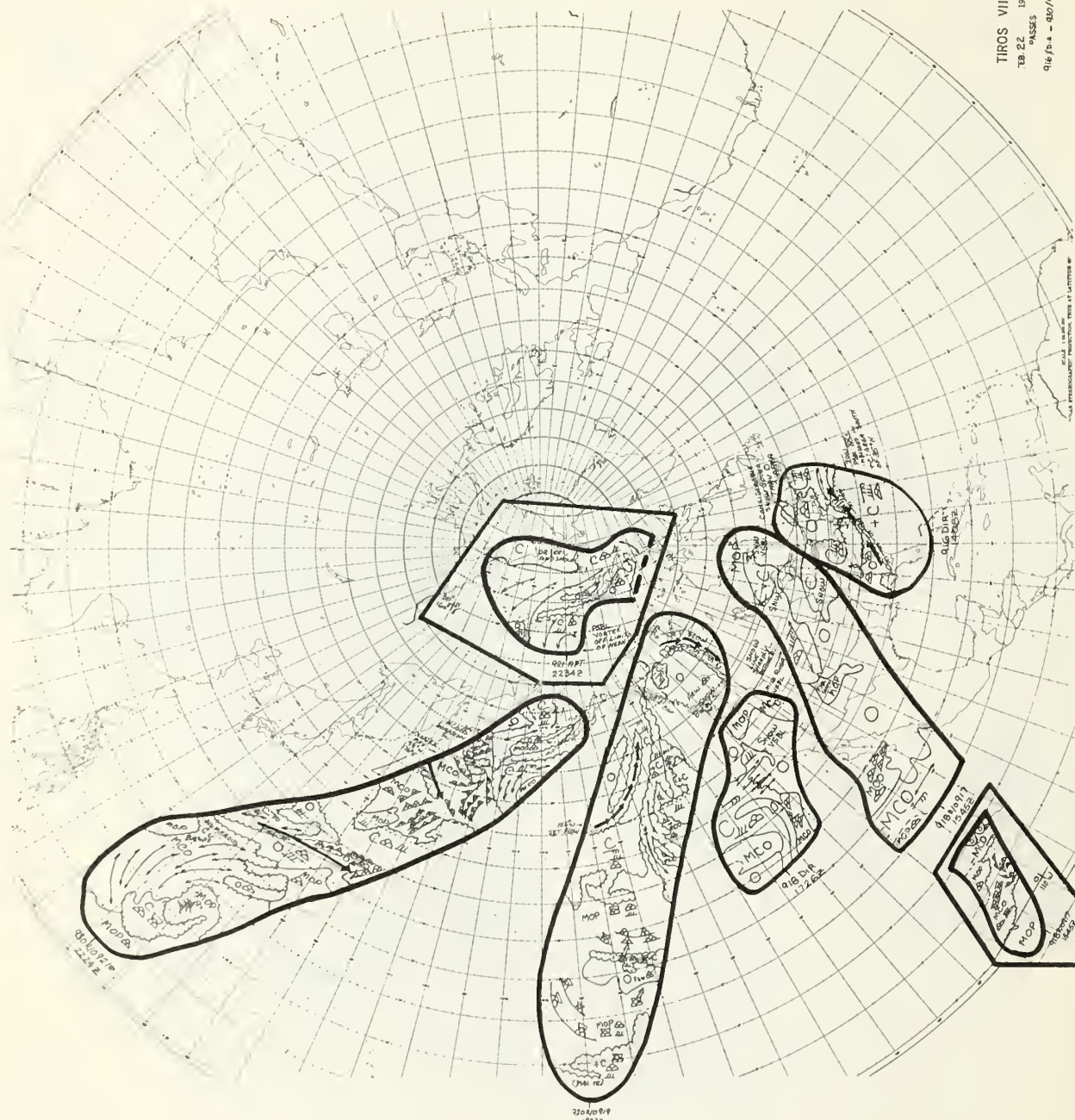
TIROS VIII
 FEB. 22, 1964
 PAGES
 888 708 - 812 816

POLE STAR PROJECTION, TRUE AT LATITUDE 90°

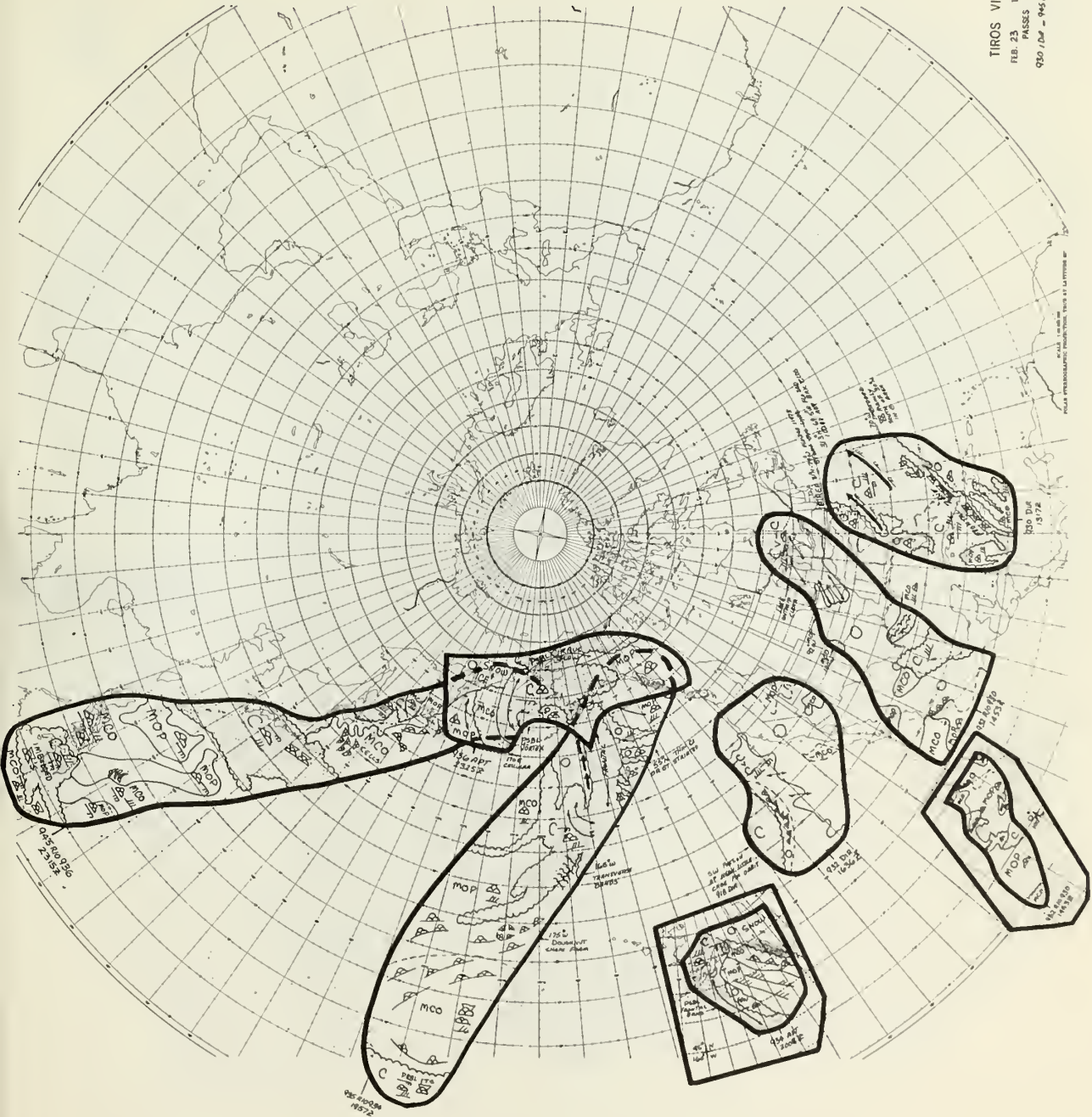
SCALE 1 cm



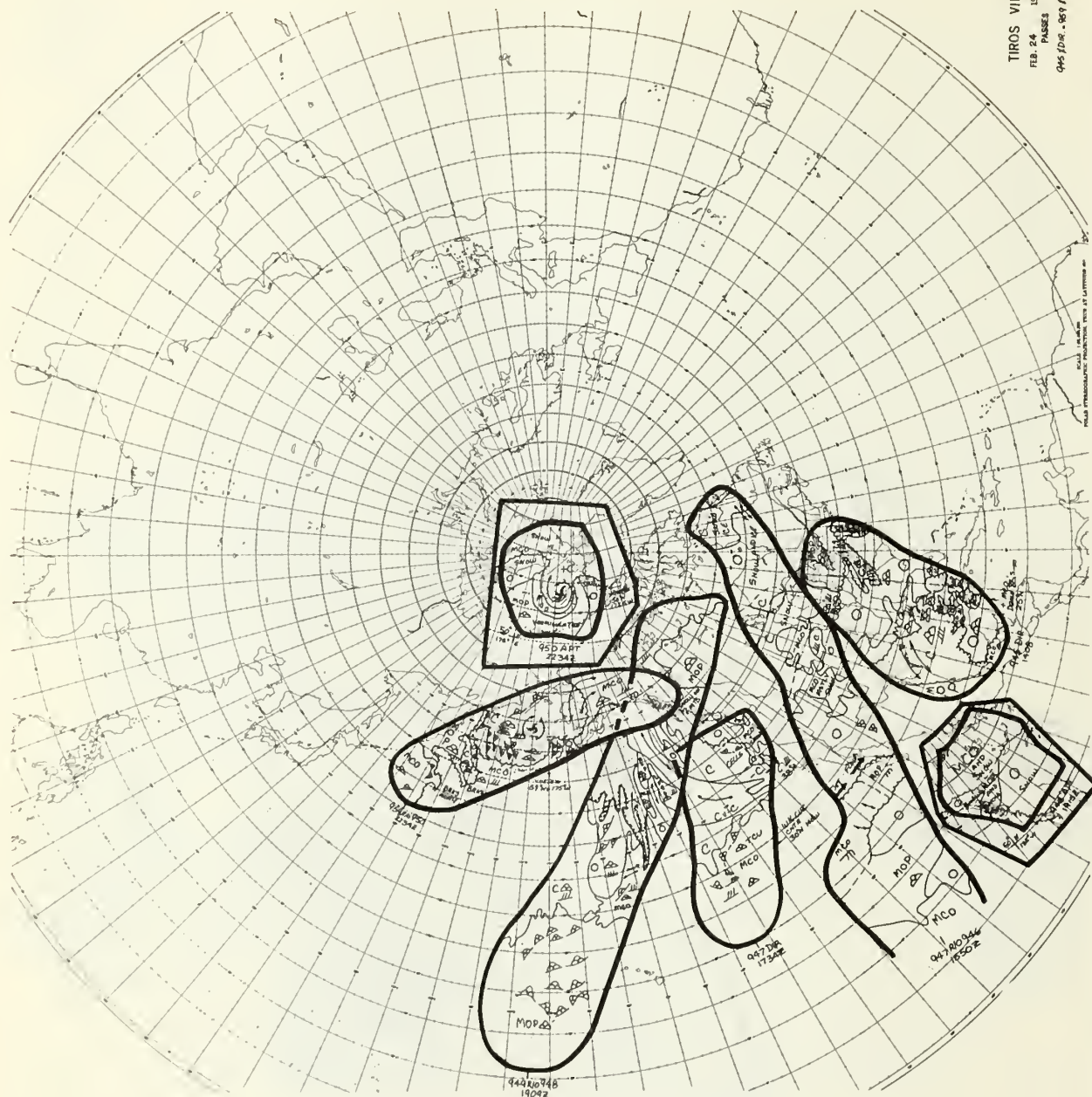
OF ALL 1 ON 100 100



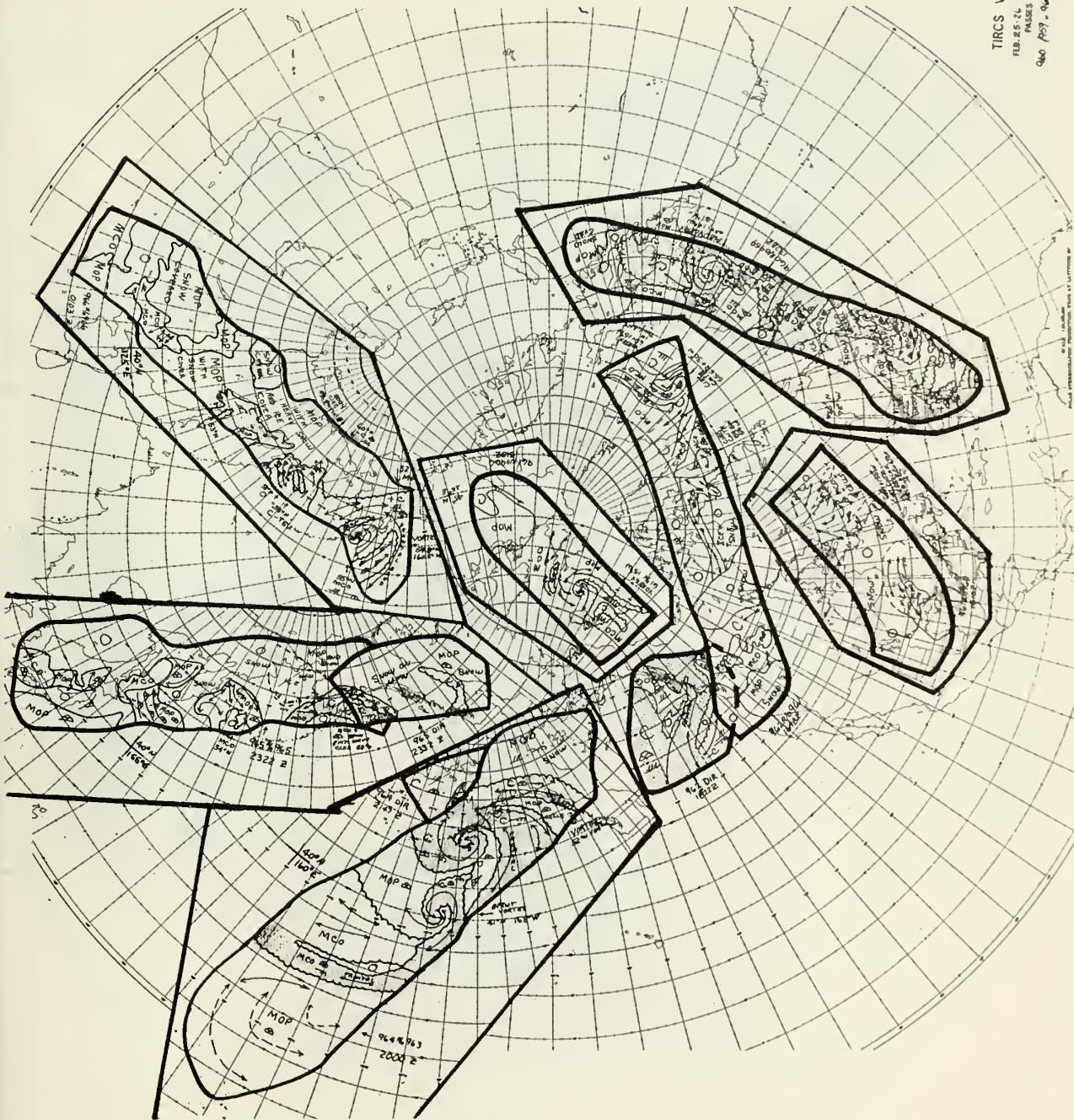
PASSES



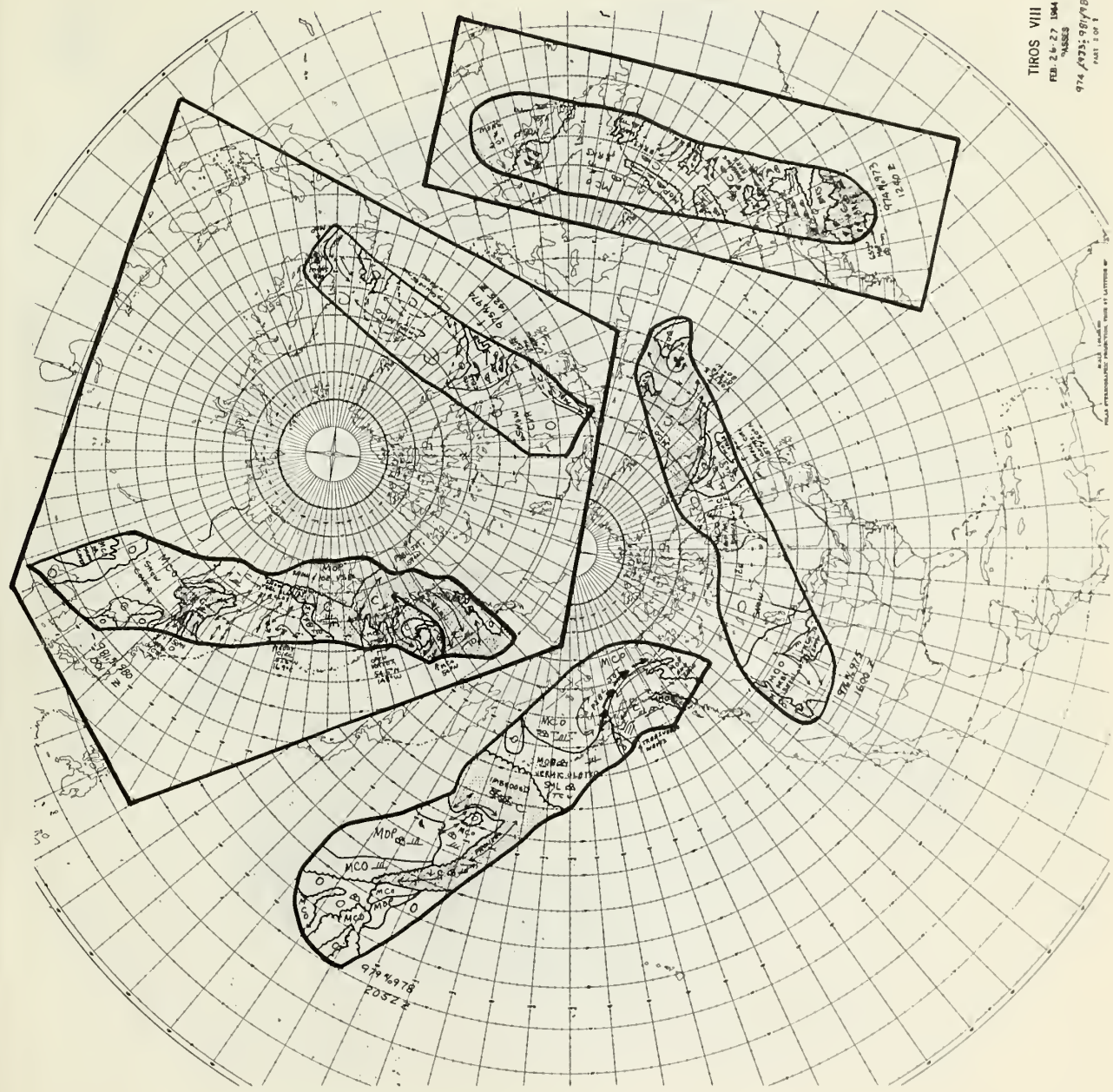
SCALE: 1 cm = 100 m

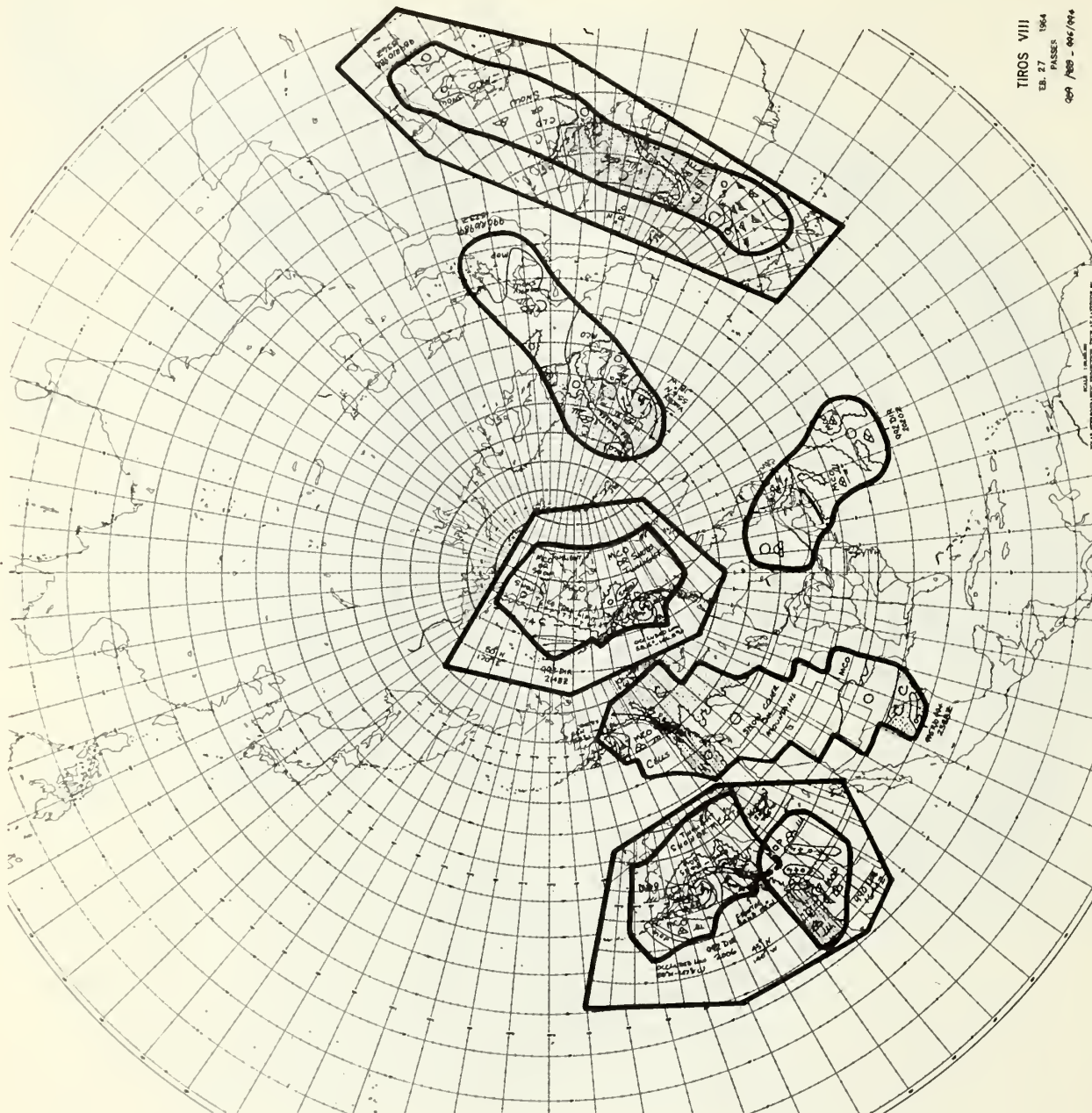


TIRCS VIII
 FEB. 85-26 1044
 PAGES
 Q40 P53 - Q46/104

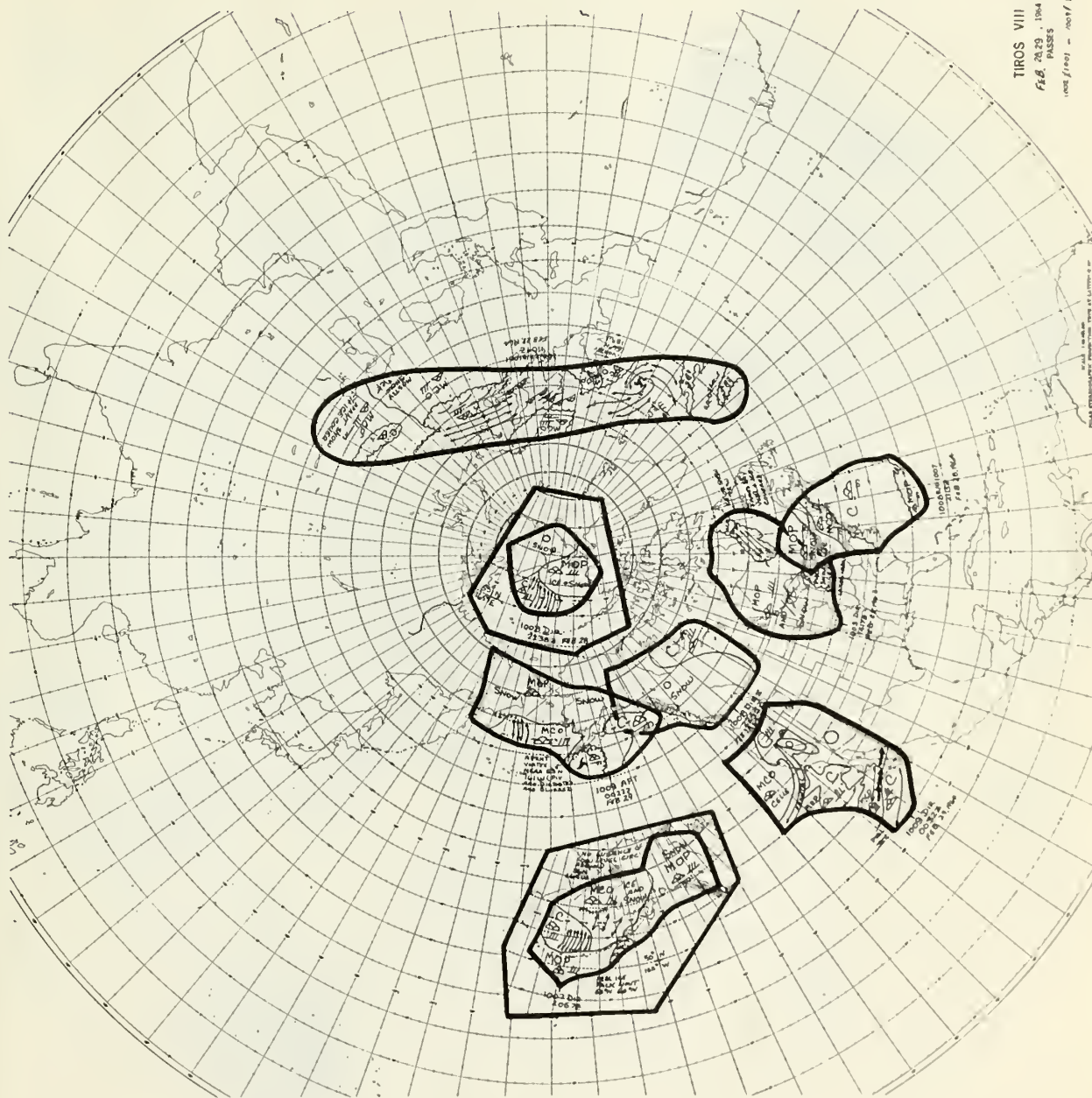


TIROS VIII
 FEB. 24-27 1964
 974 973: 981/980
 974 973: 981/980
 PART 2 OF 3



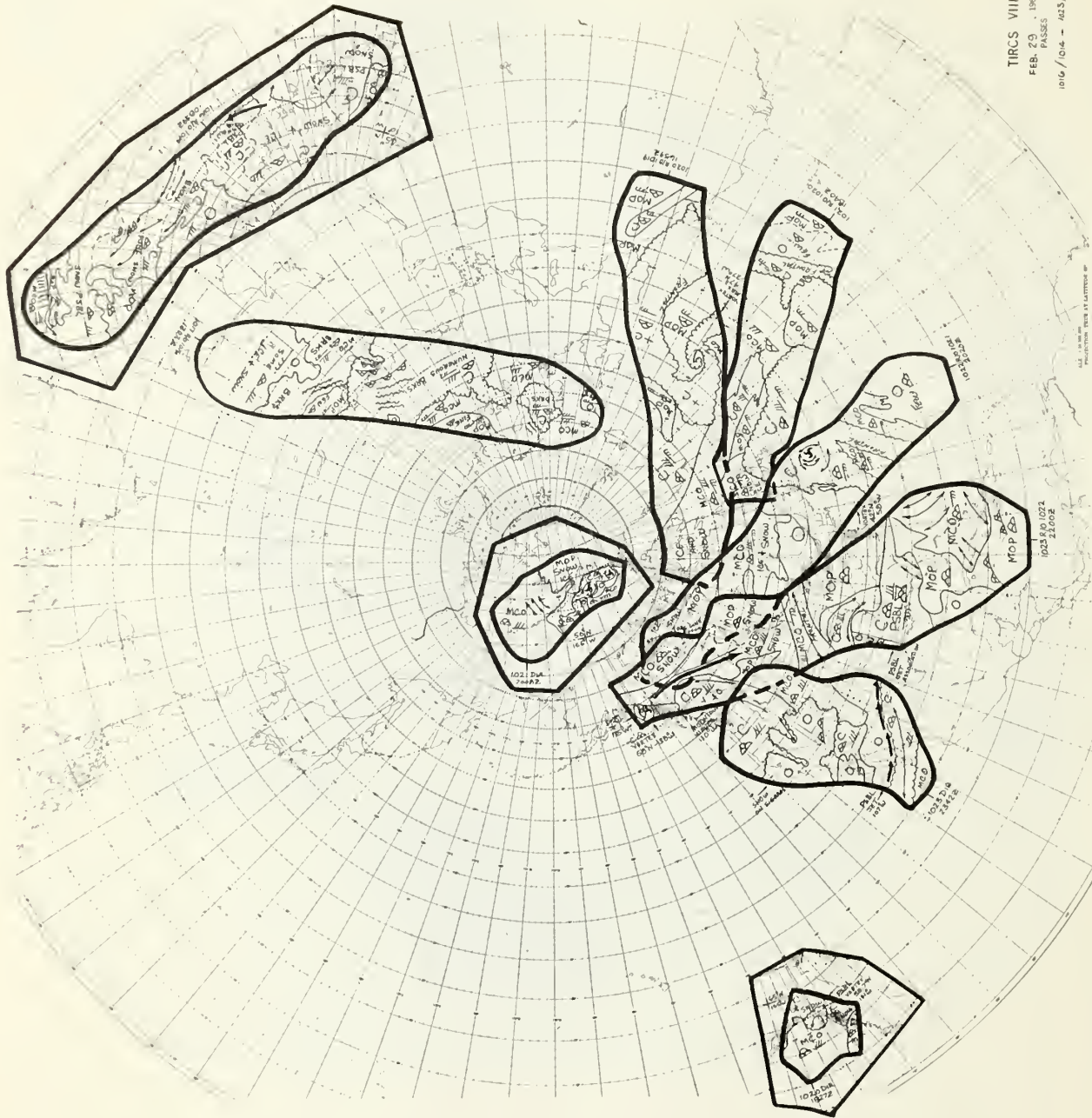


TIROS VIII
 EA 27 1964
 PASSE
 009 / 000 - 000/000



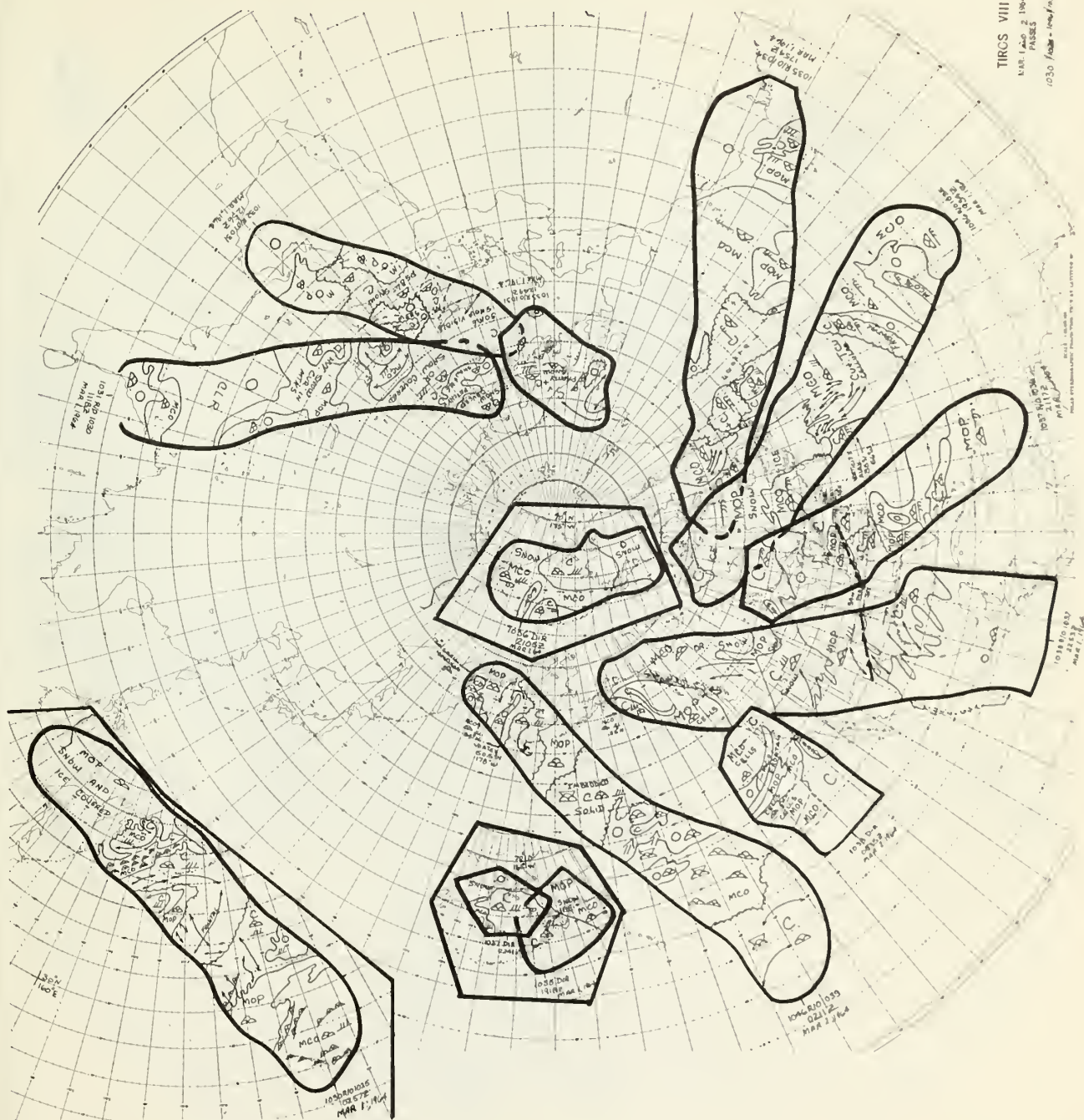
TIROS VIII
 Feb. 28, 29, 1964
 PASSES
 (see figs) - 1001/1004

U.S. GOVERNMENT PRINTING OFFICE: 1964 O - 341-100

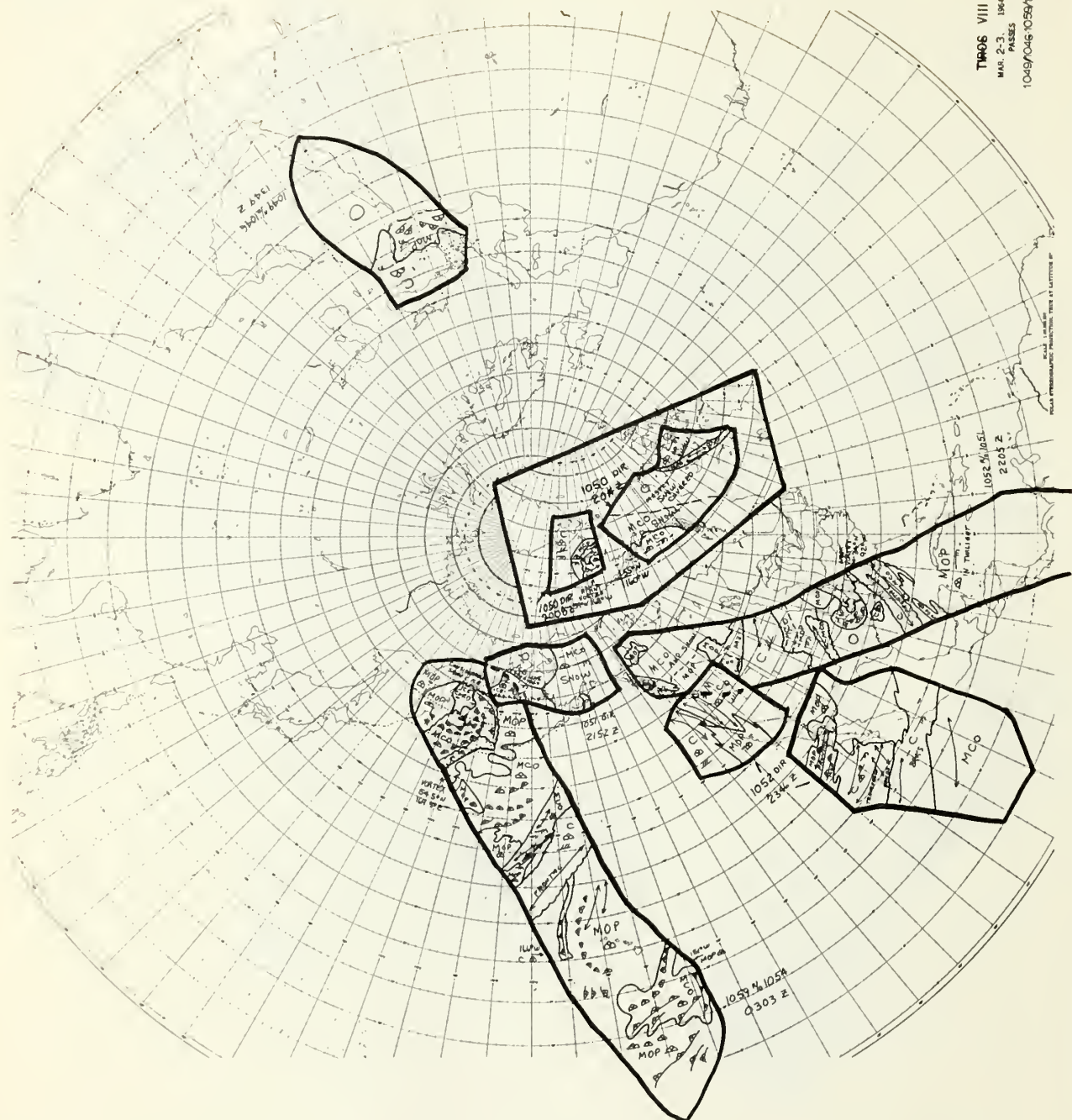


TIRCS VIII
 FEB. 29 - 1984
 PASSES
 1016/1014 - 1023/1014

PROJECTION: UTM 18N UTM 18N



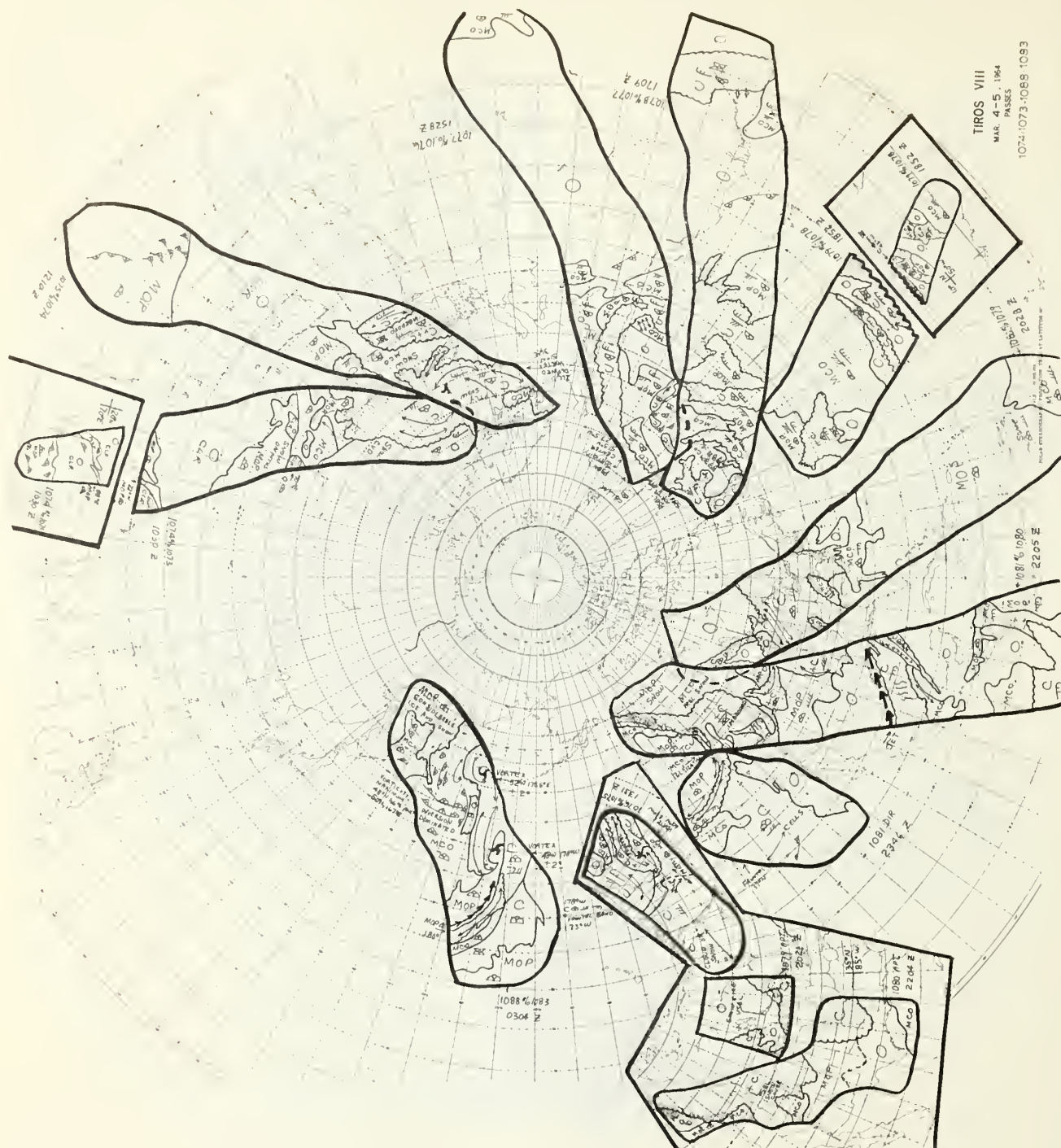
SCALE 1 cm. 60°





TIROS VIII

1074/1073-1088-1093

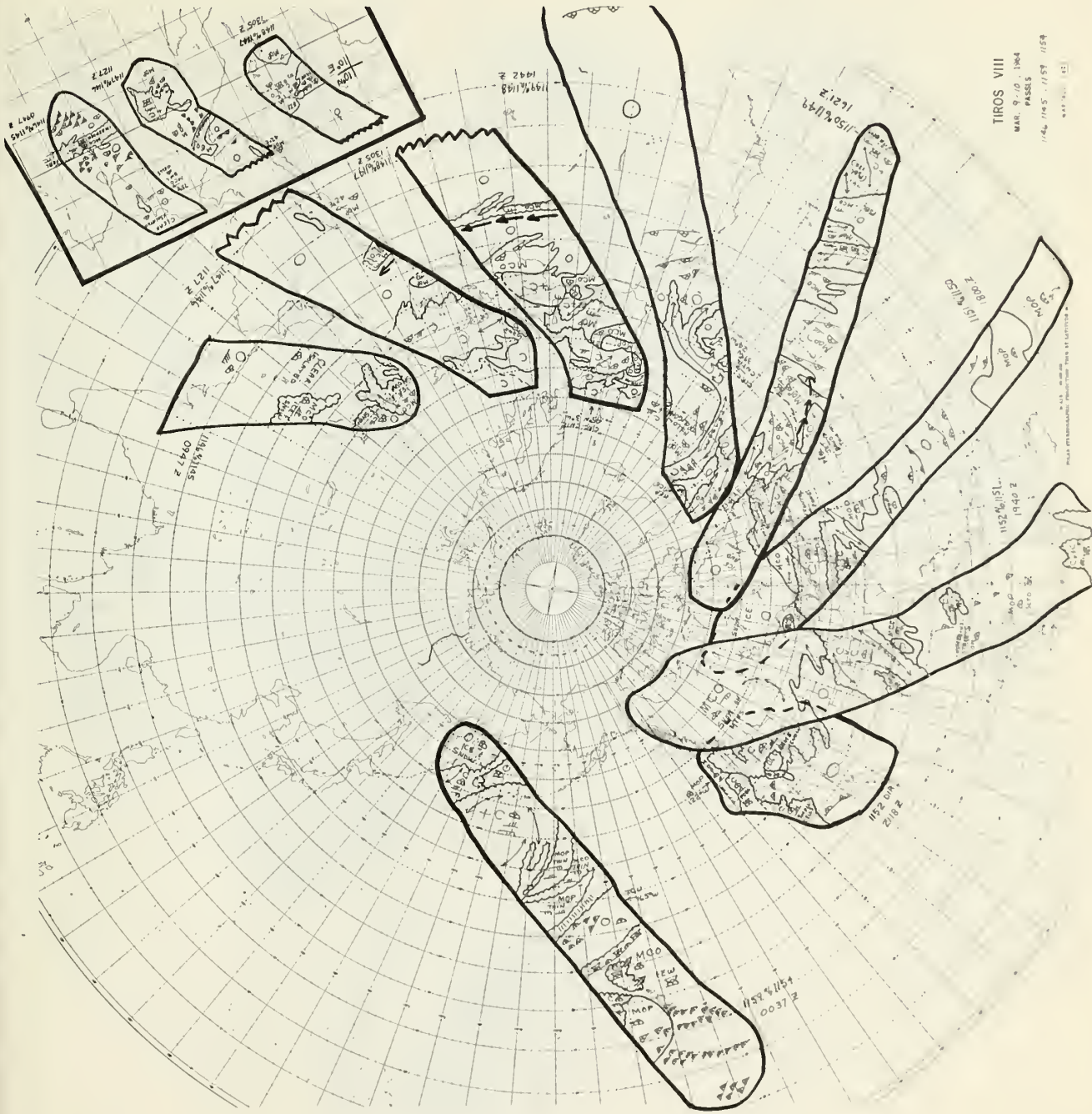


[illegible]

MAR. 8-9, 1964

PASSES

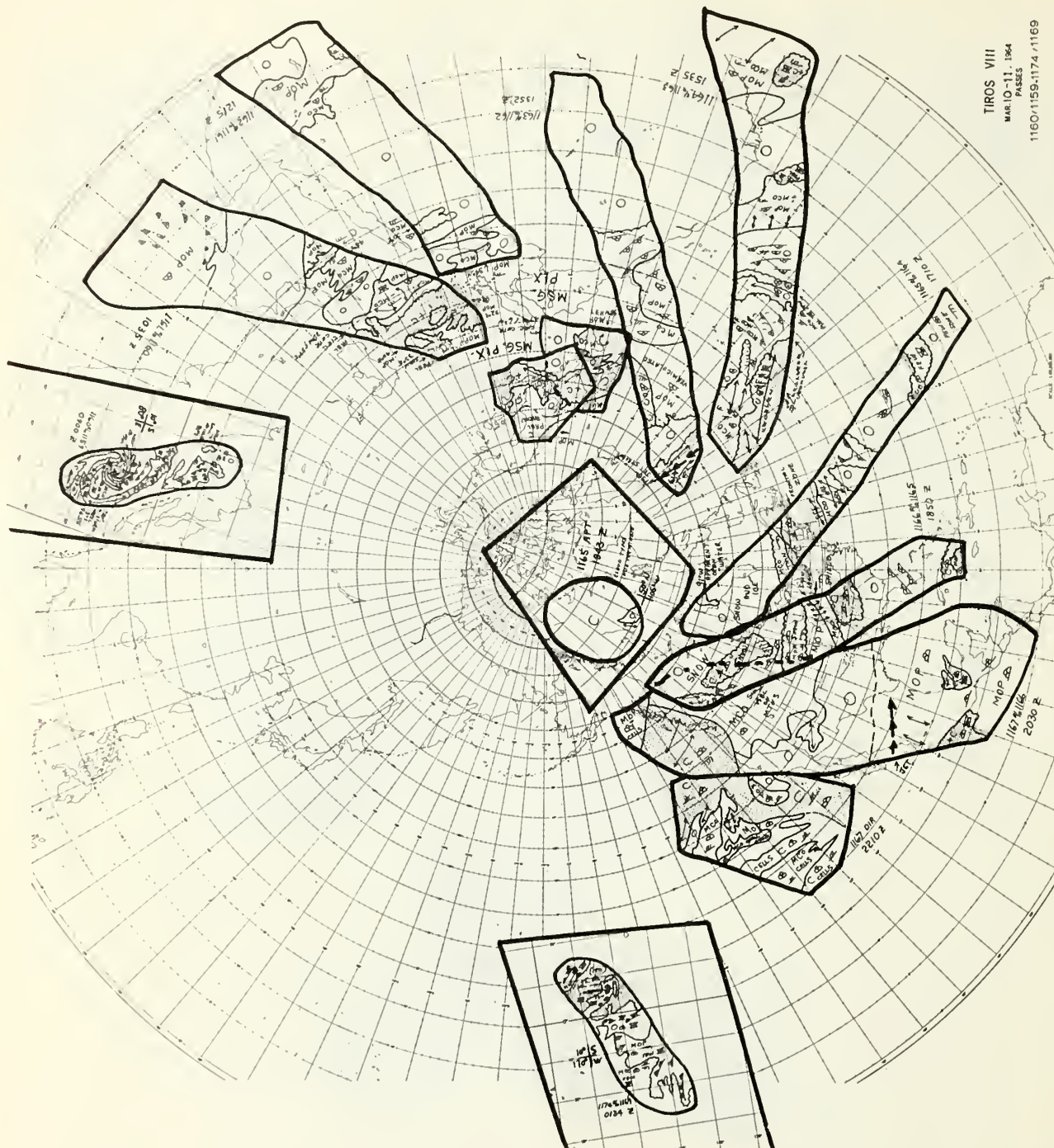
1132,1131 .1145,1140

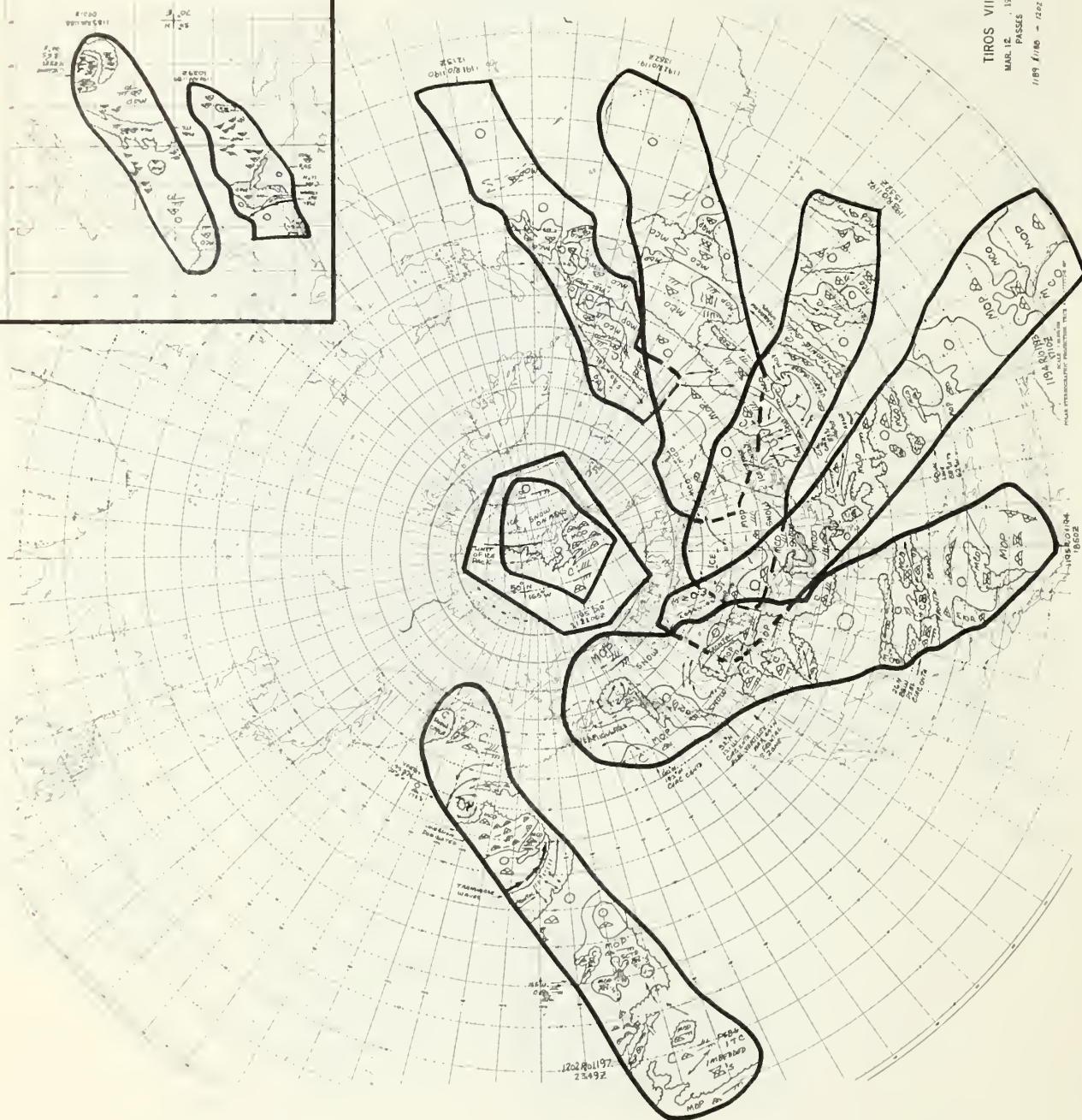


TIROS VIII
MAR. 9-10, 1964
PAGES
114, 115, 116, 117, 118, 119

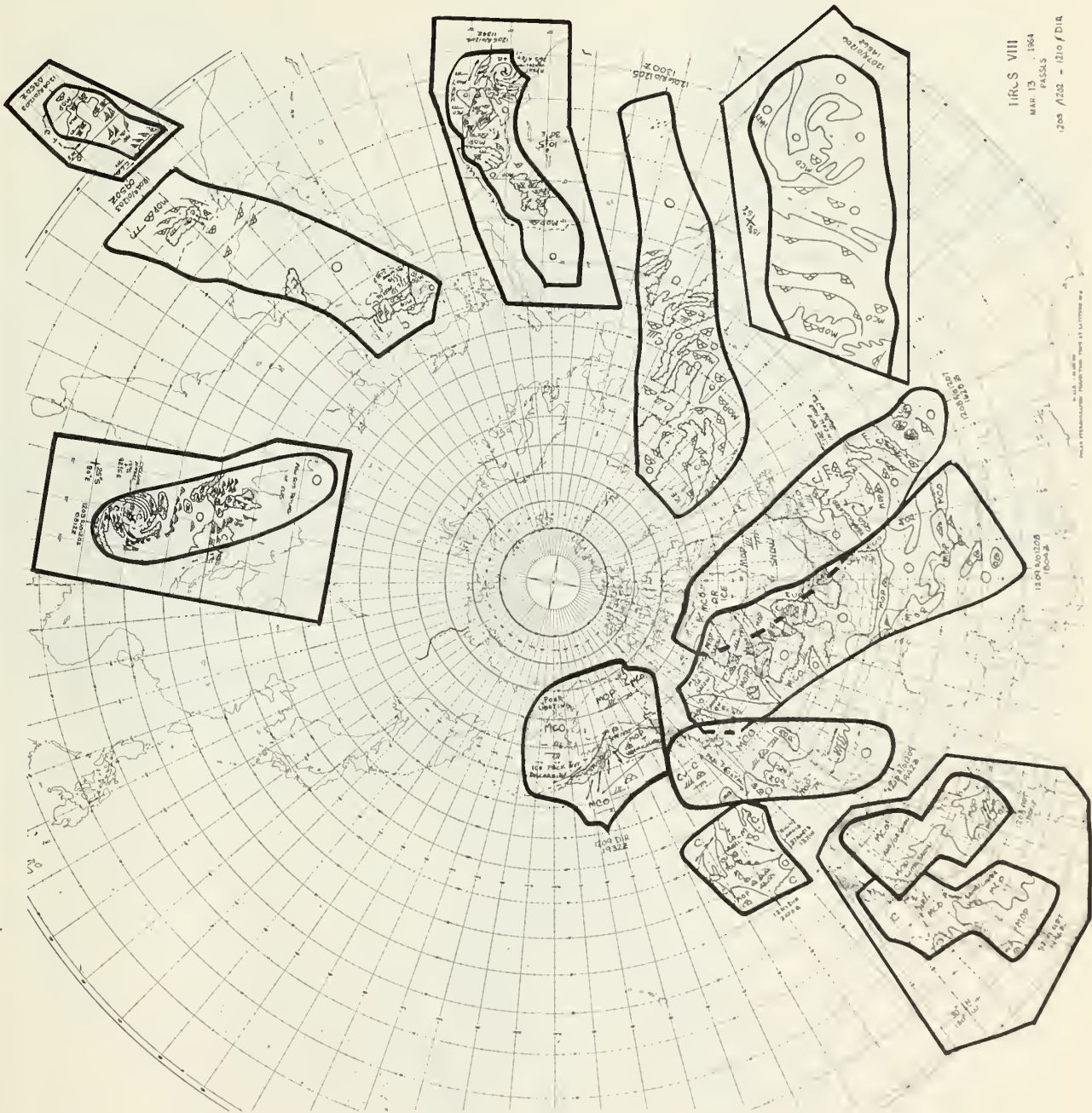
U.S. GOVERNMENT PRINTING OFFICE: 1964

BRILLIANT





1189 11180 - 1202/1197



IRLS VIII

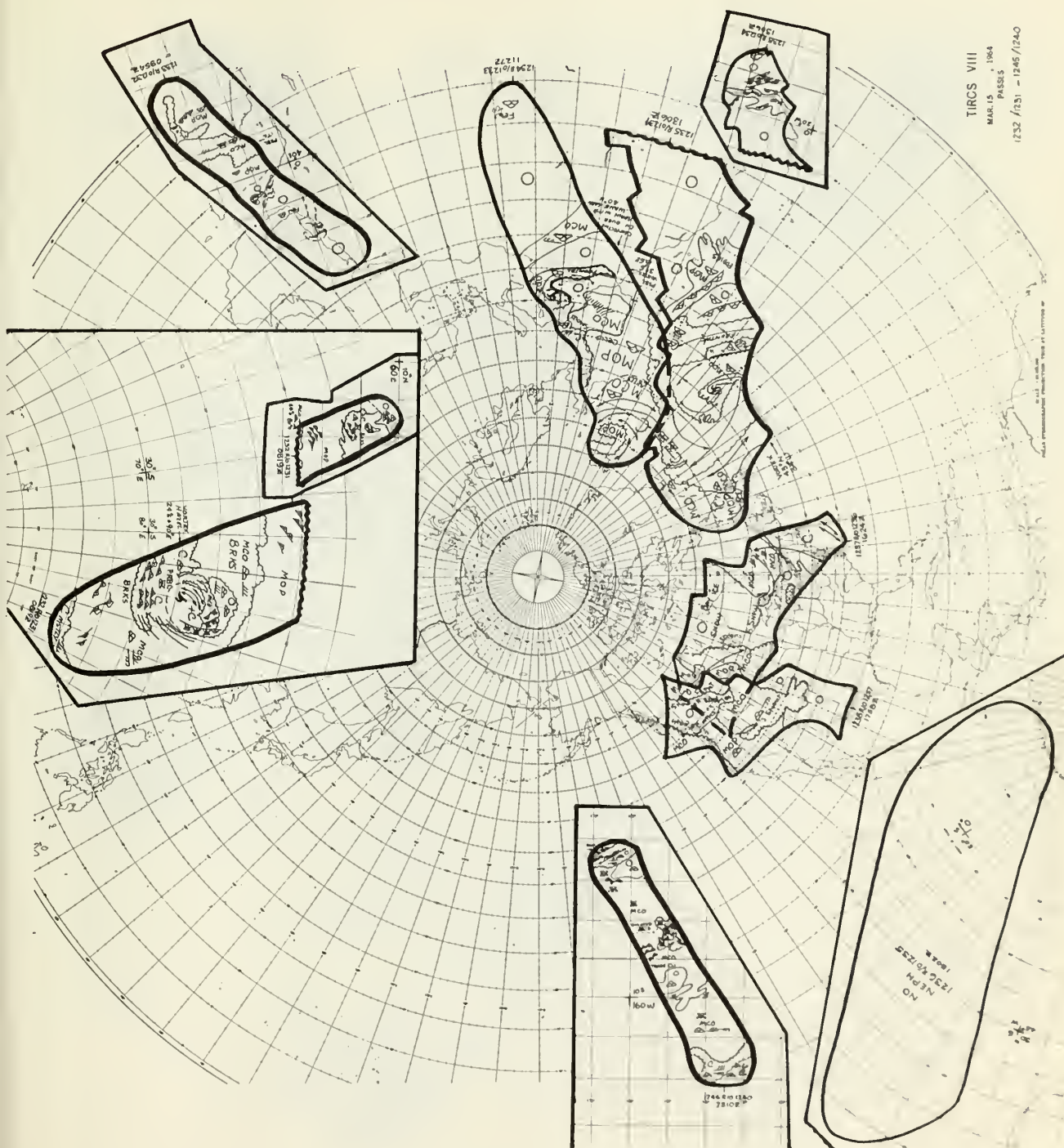
MAR 13 1964

PASSLS

205 / 222 - 210 f Dia

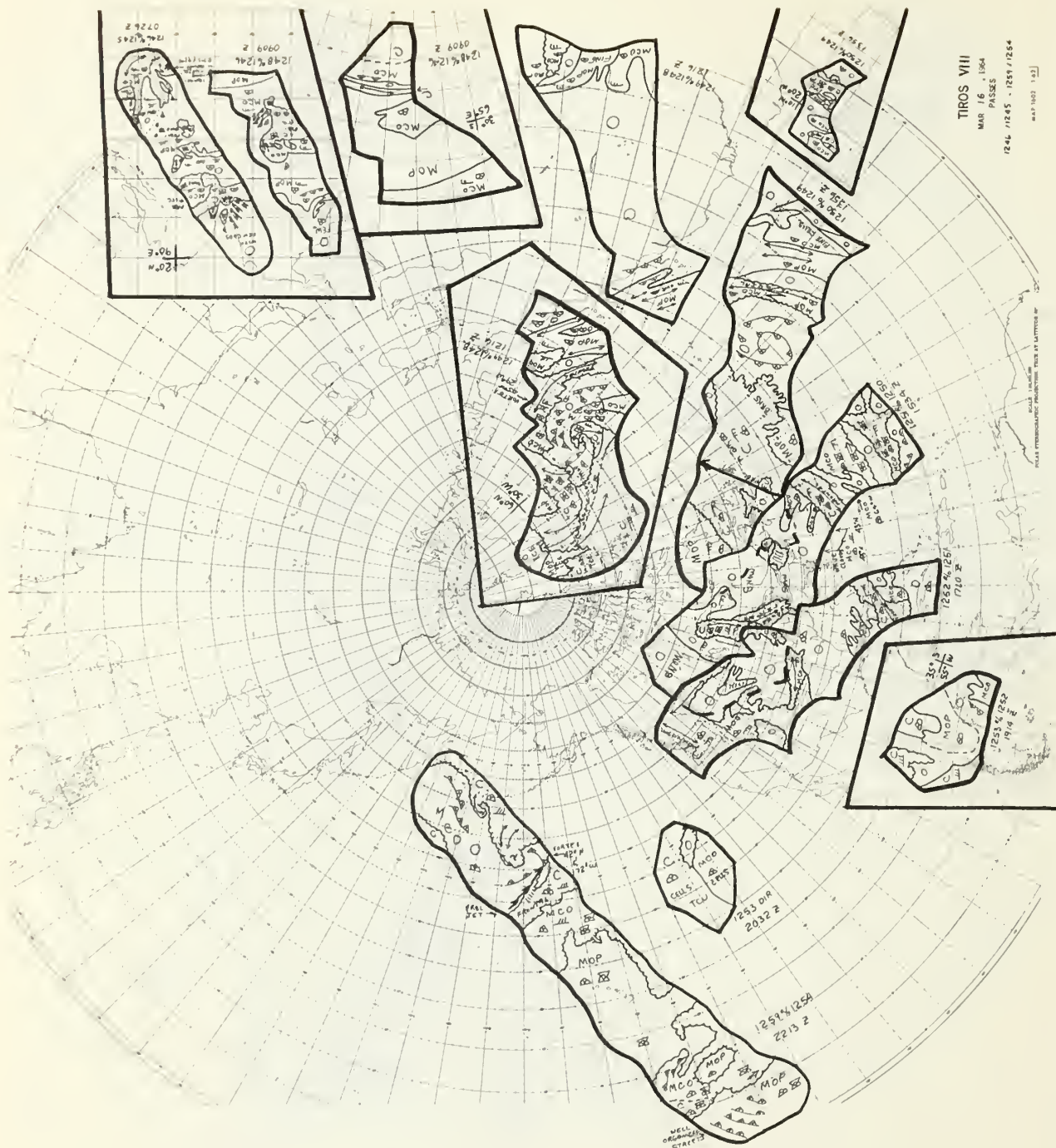
150100308
150100308
150100308

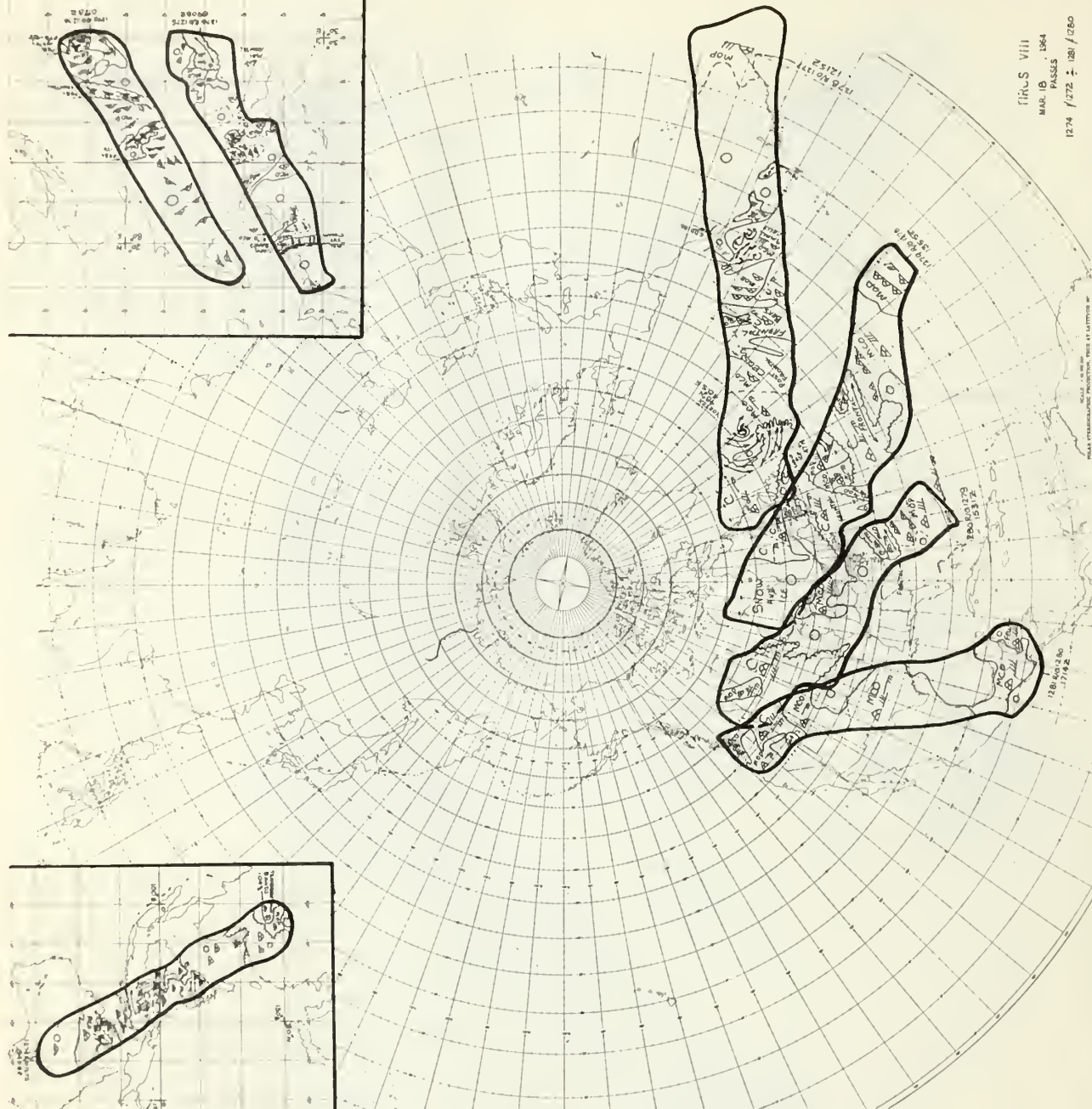
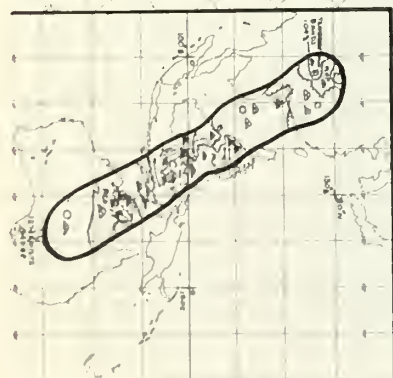
1. THE PROBLEM



PASSE
1246 11245 - 1259 11254

1000 1000 1000





FILED VIII
MAR 18 1964

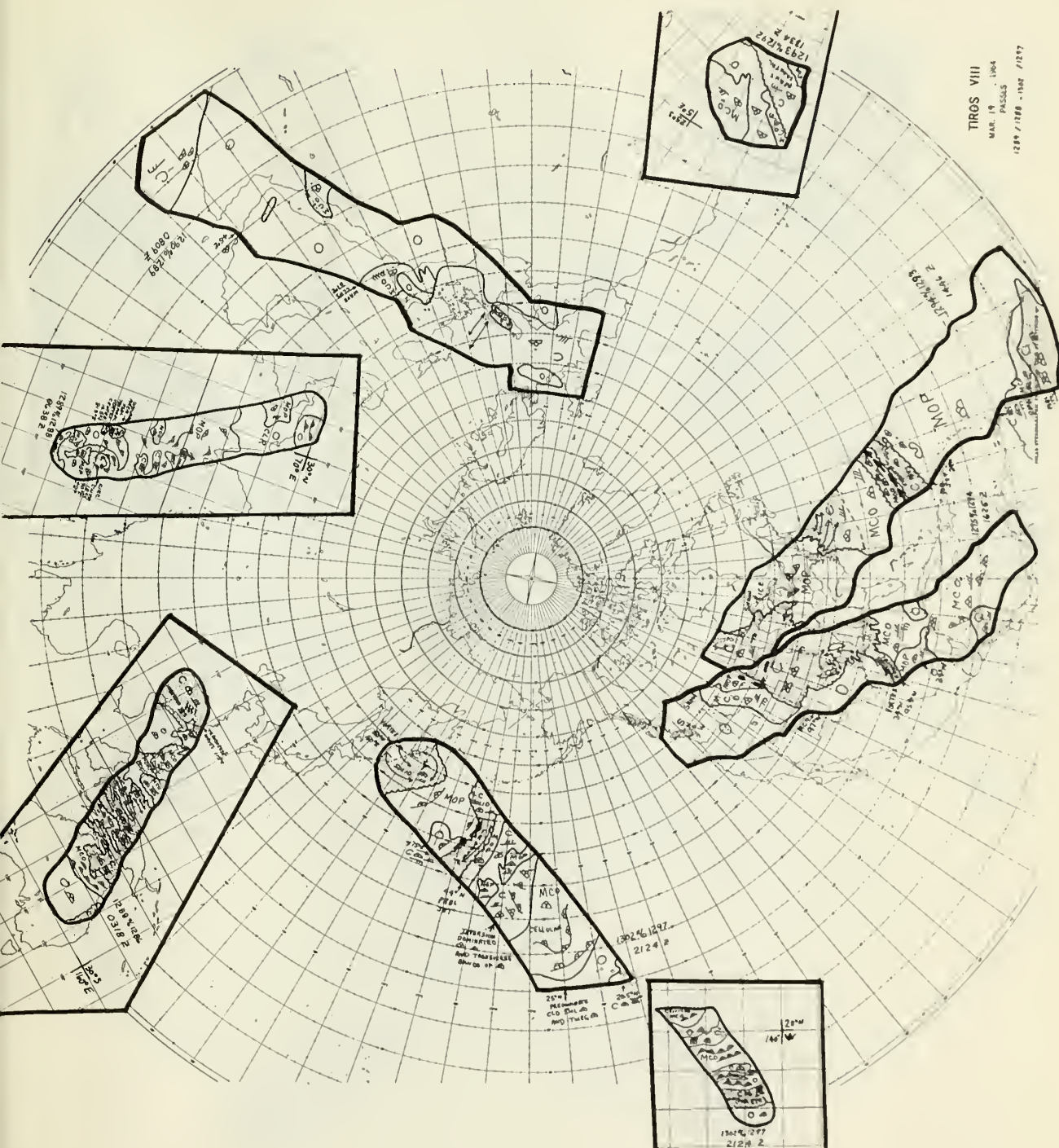
MAR. 18 1964

MAR. 10, 1964
PASSES

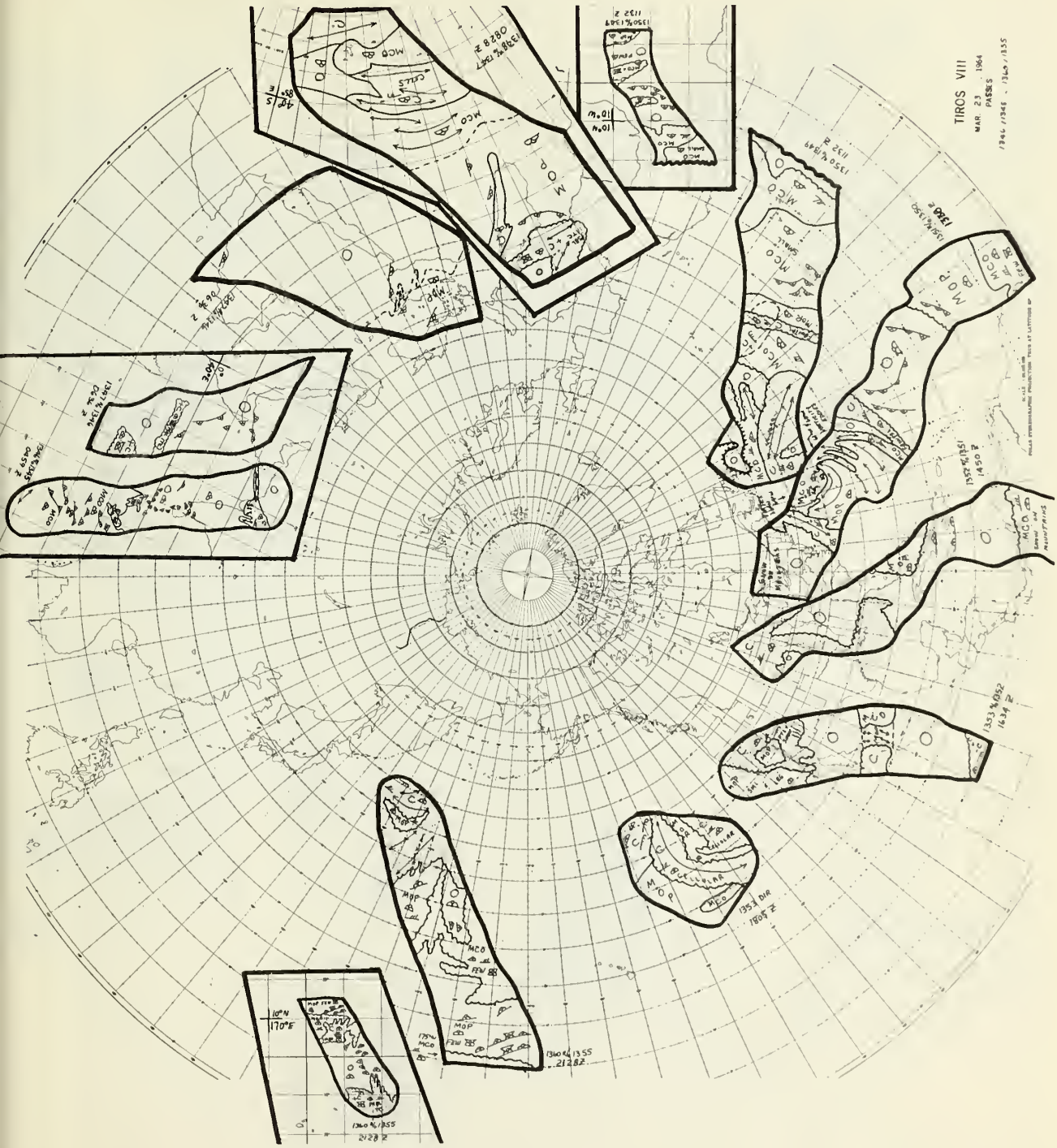
1274 $\sqrt{1272} \div 1281 \sqrt{1280}$

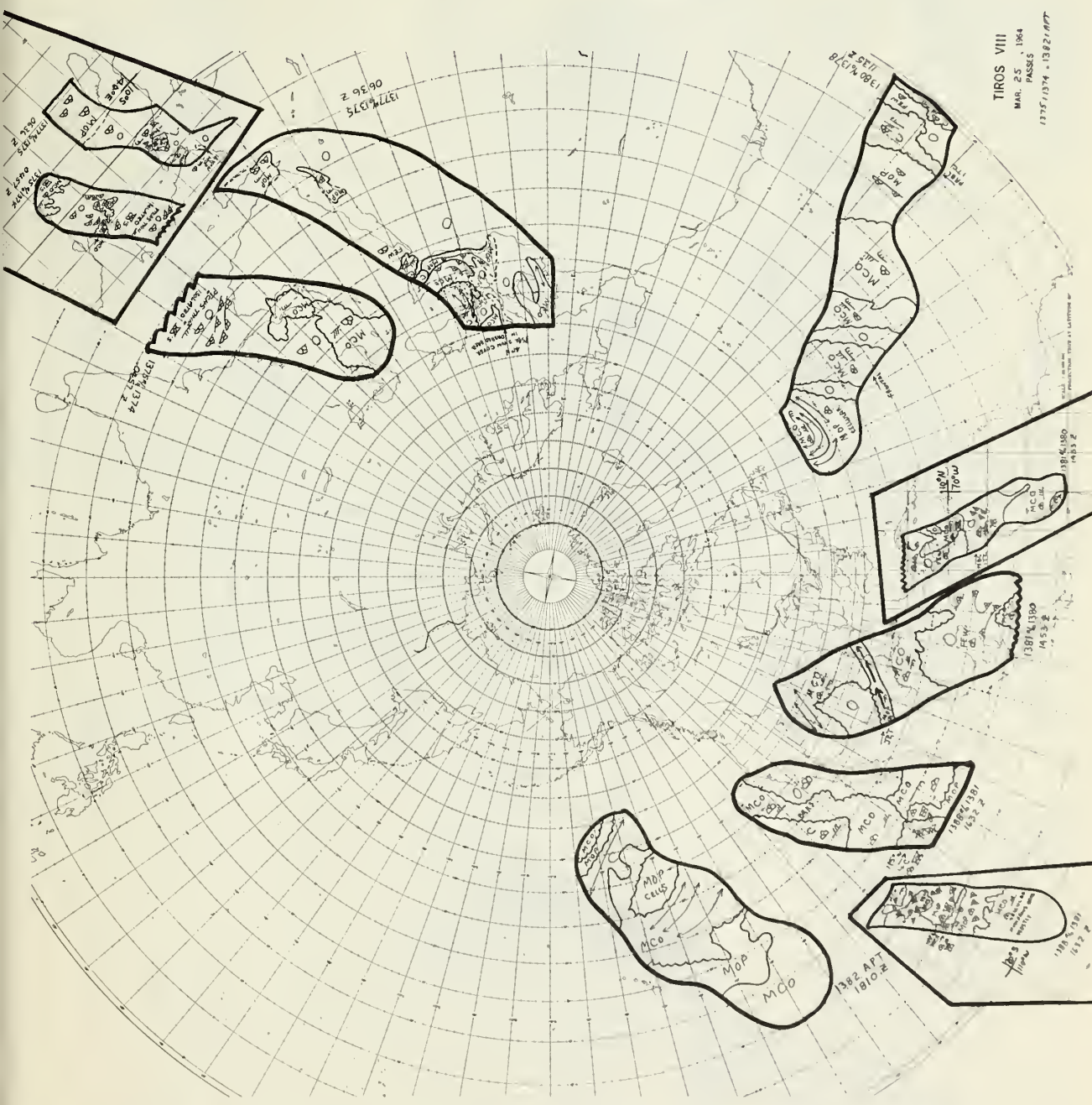
SCALE : 10000000

1289 / 1200 - 1302 / 1297

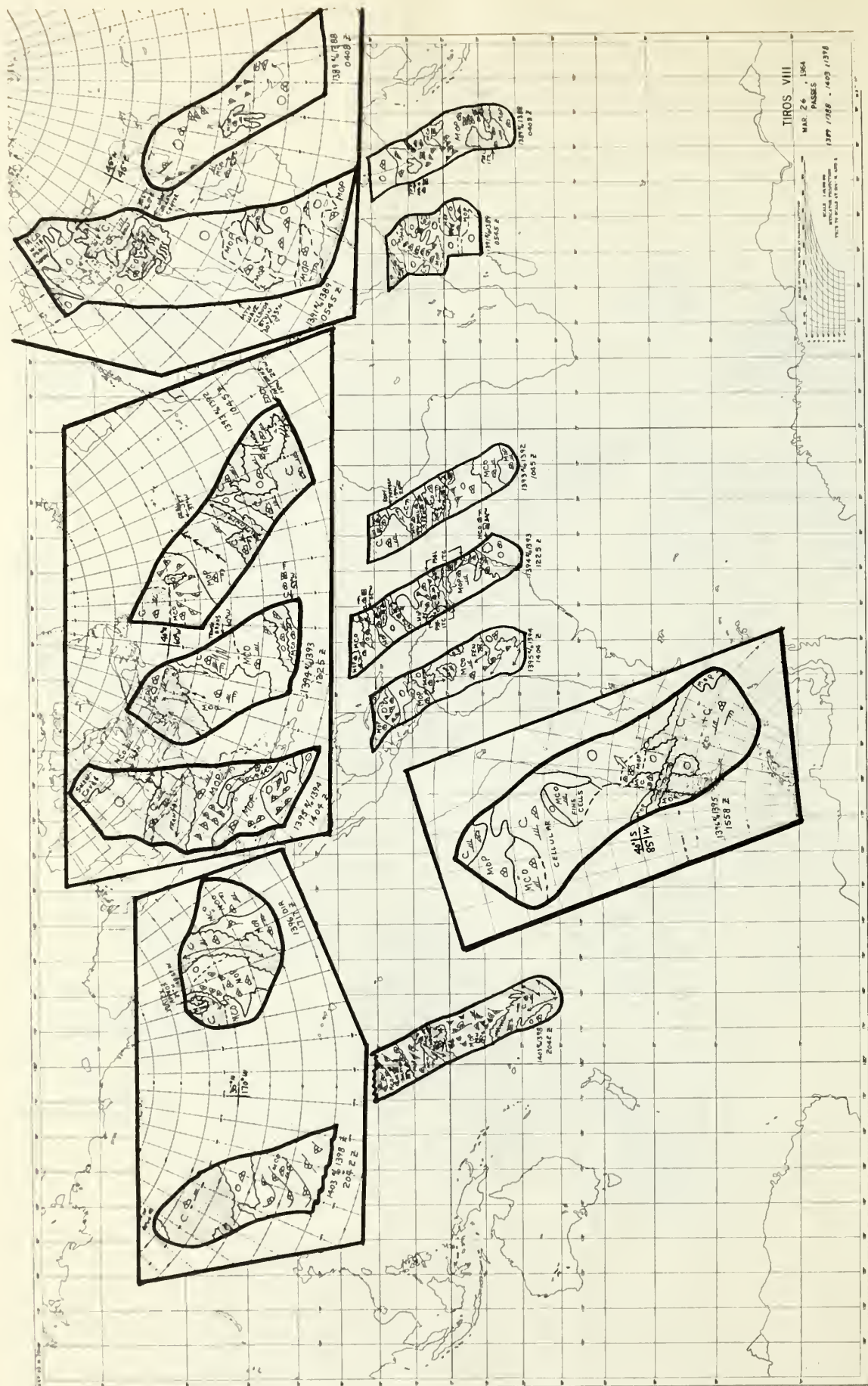


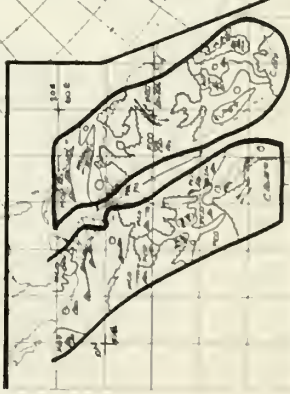
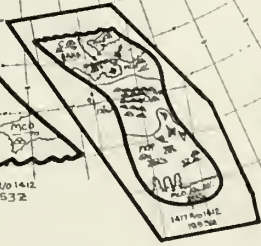
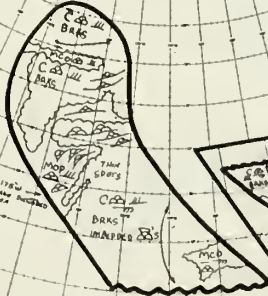
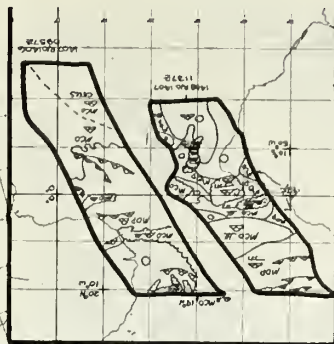
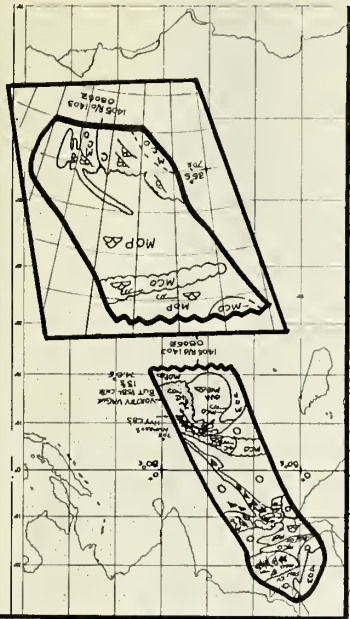
TIROS VIII
MAR. 23, 1964
PAGES
1346/1347 - 1348/1355





TIROS VIII
MAR. 25, 1964
PAGES
1375, 1374 - 1382/ART

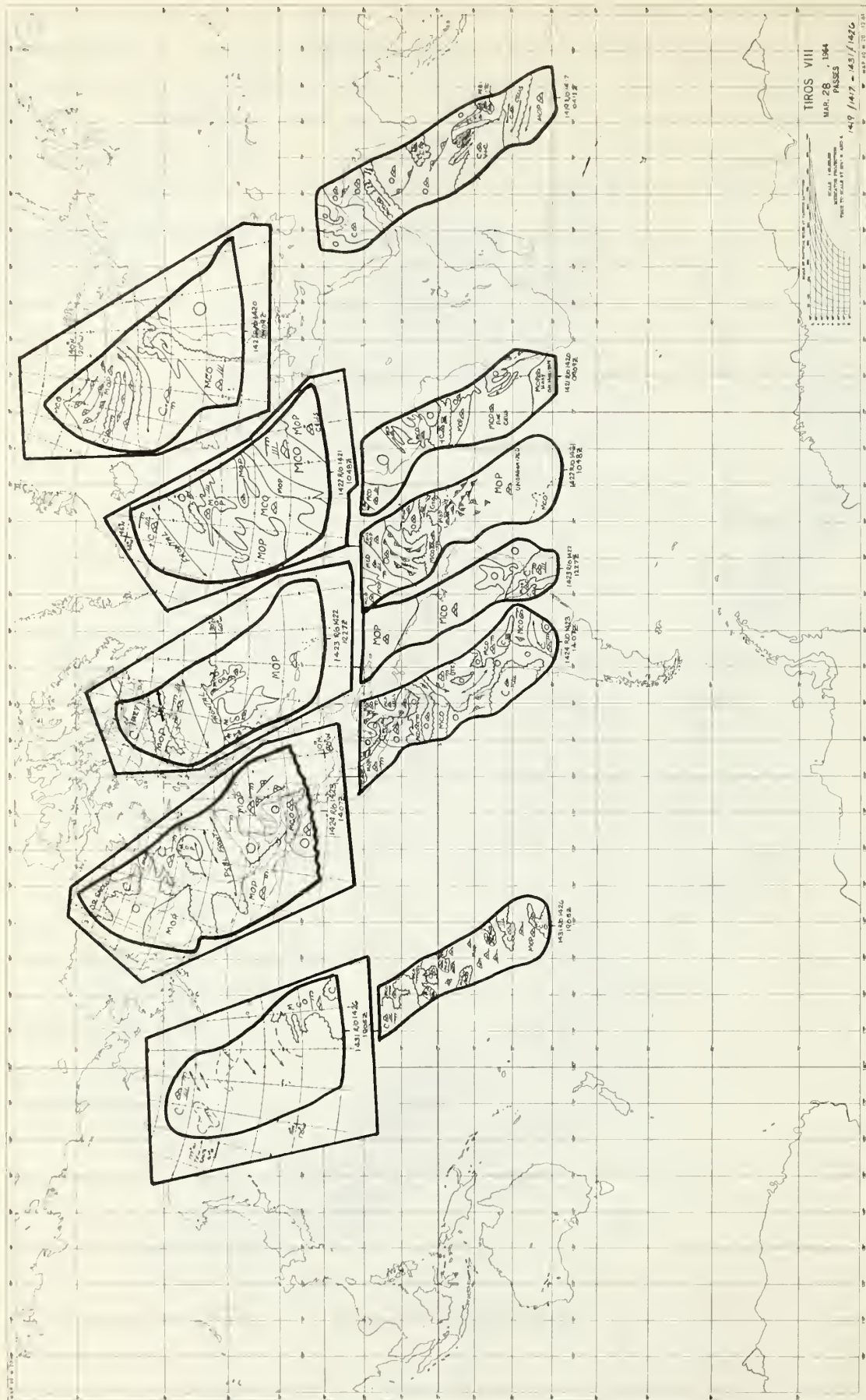




TIROS VIII
 MAY 27 1964
 PASS 5
 1405 / 1403 - INT F1412

1417 R/D 1412
 19632

1417 R/D 1412
 19632

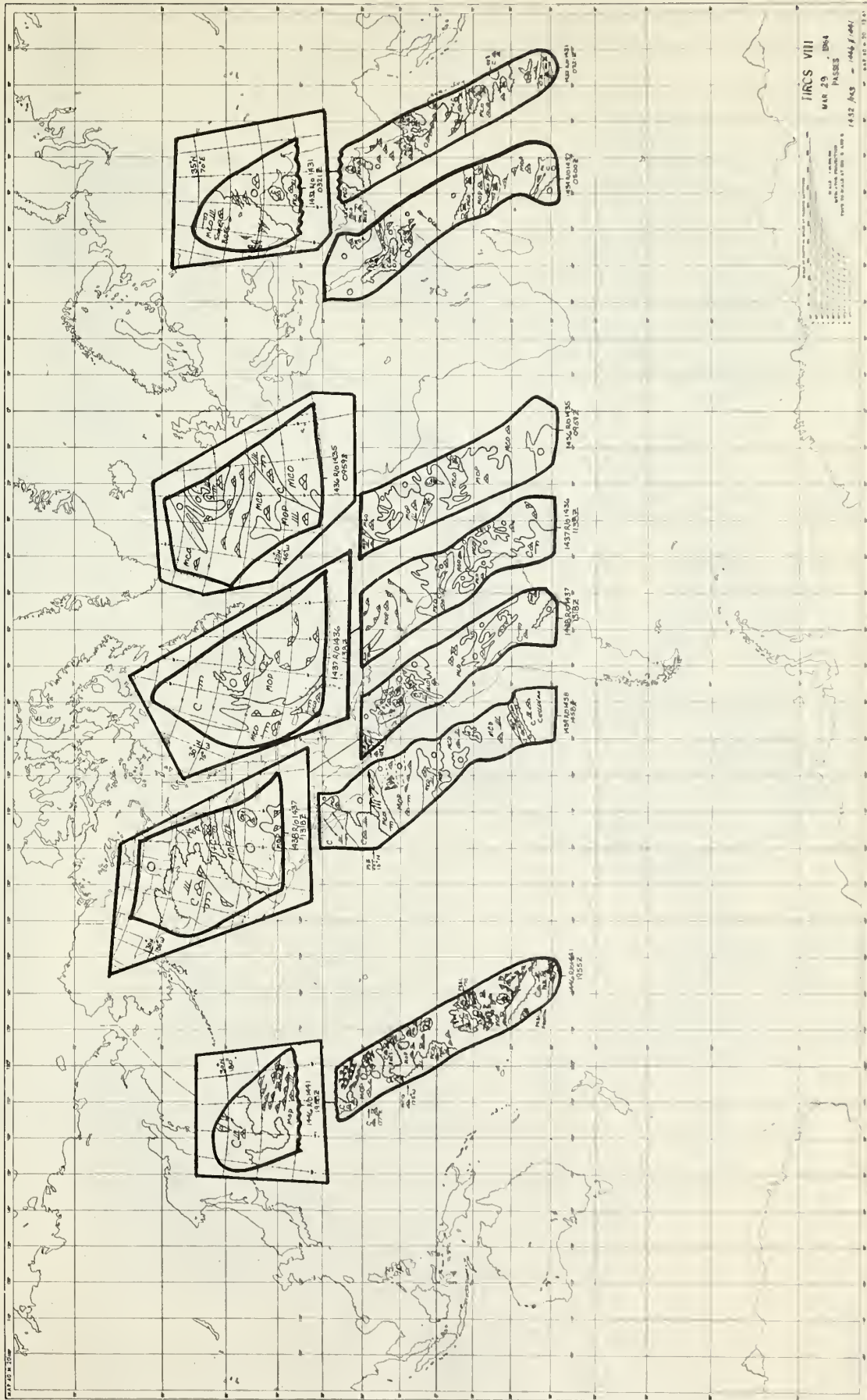


TIROS VIII

MAR. 28, 1964
PASSE9

5559

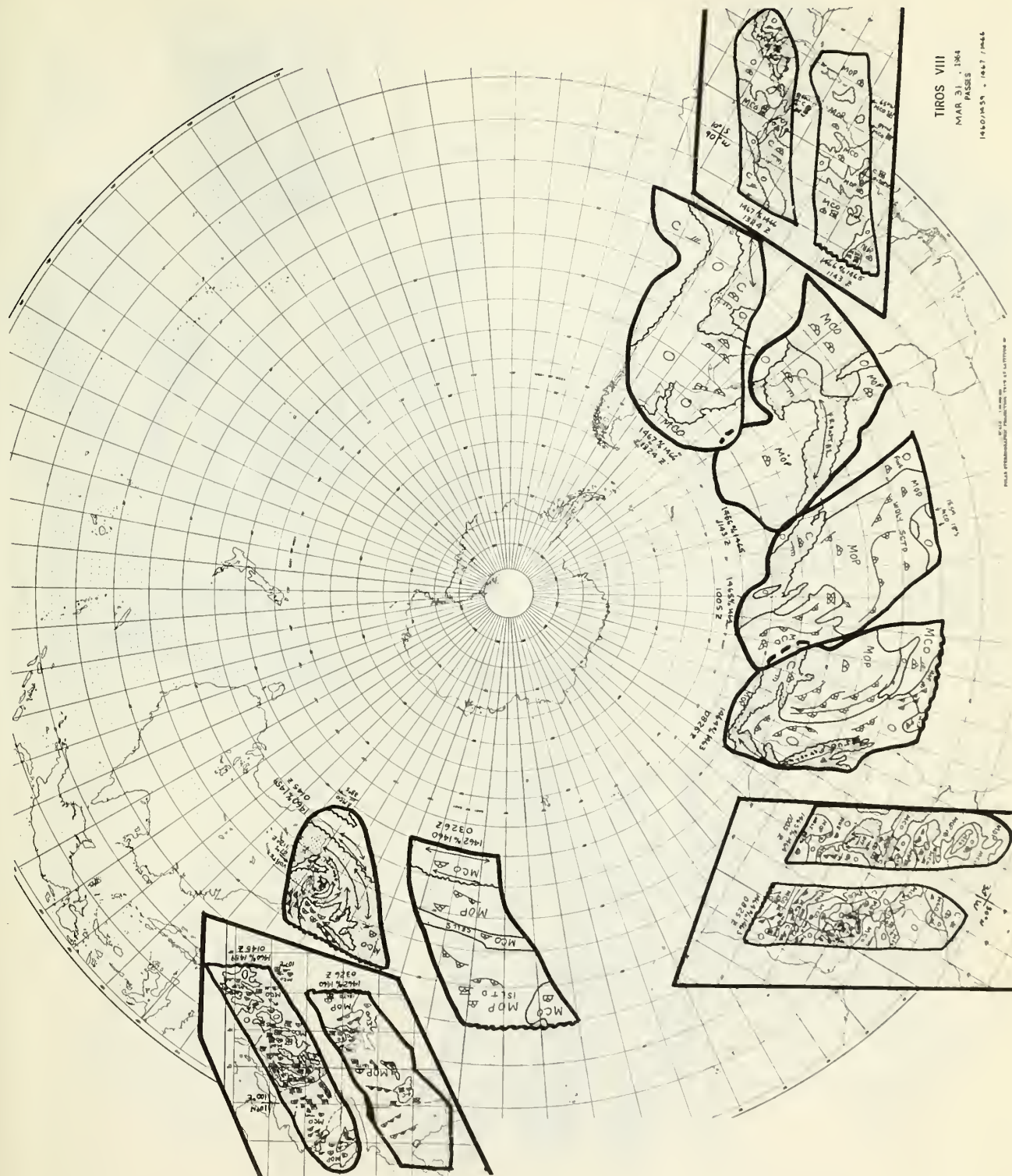
419 11417 - 1431/1426

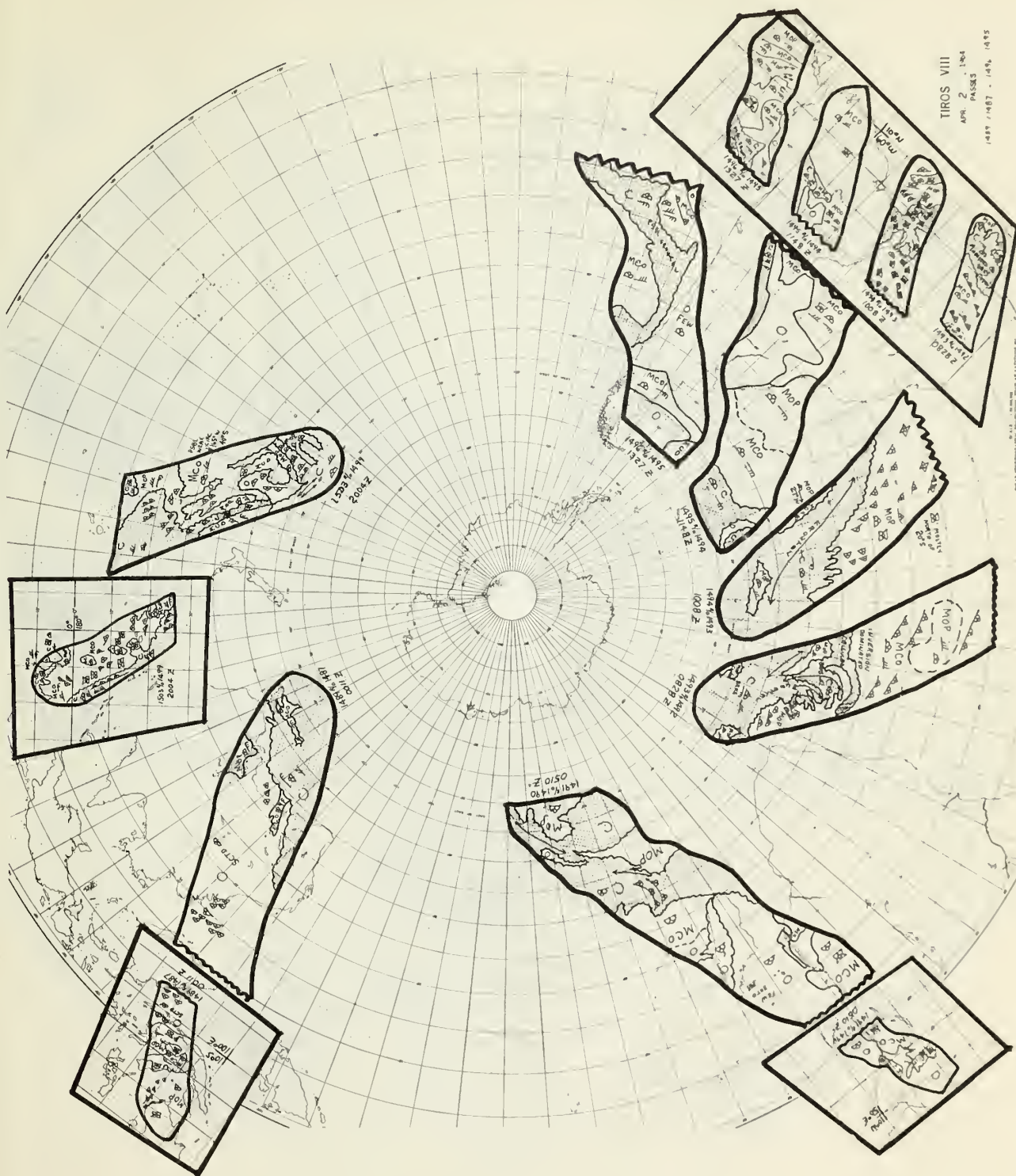


148/147 - 1453/1452

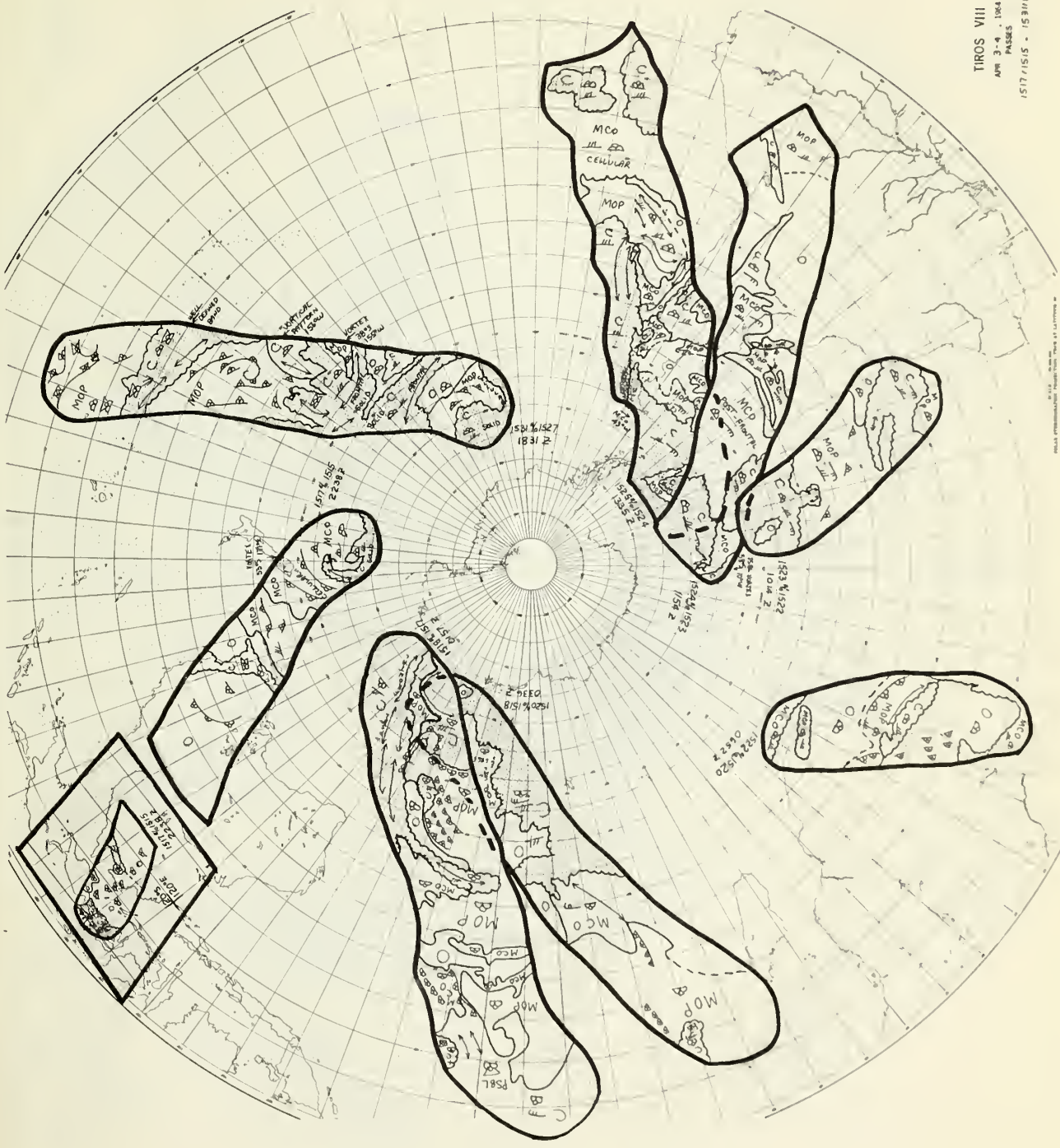


1460/1459, 1467, 1466



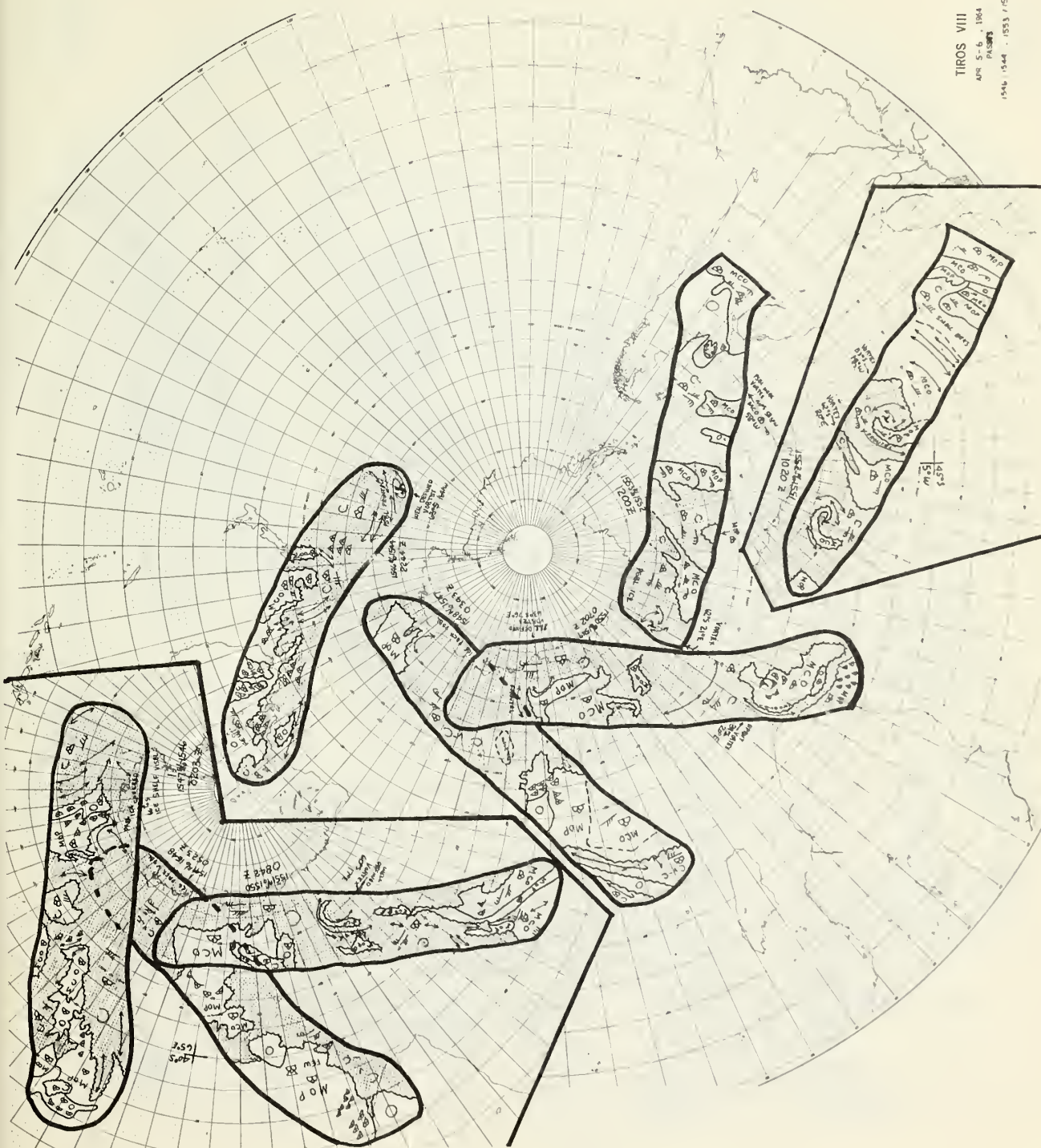
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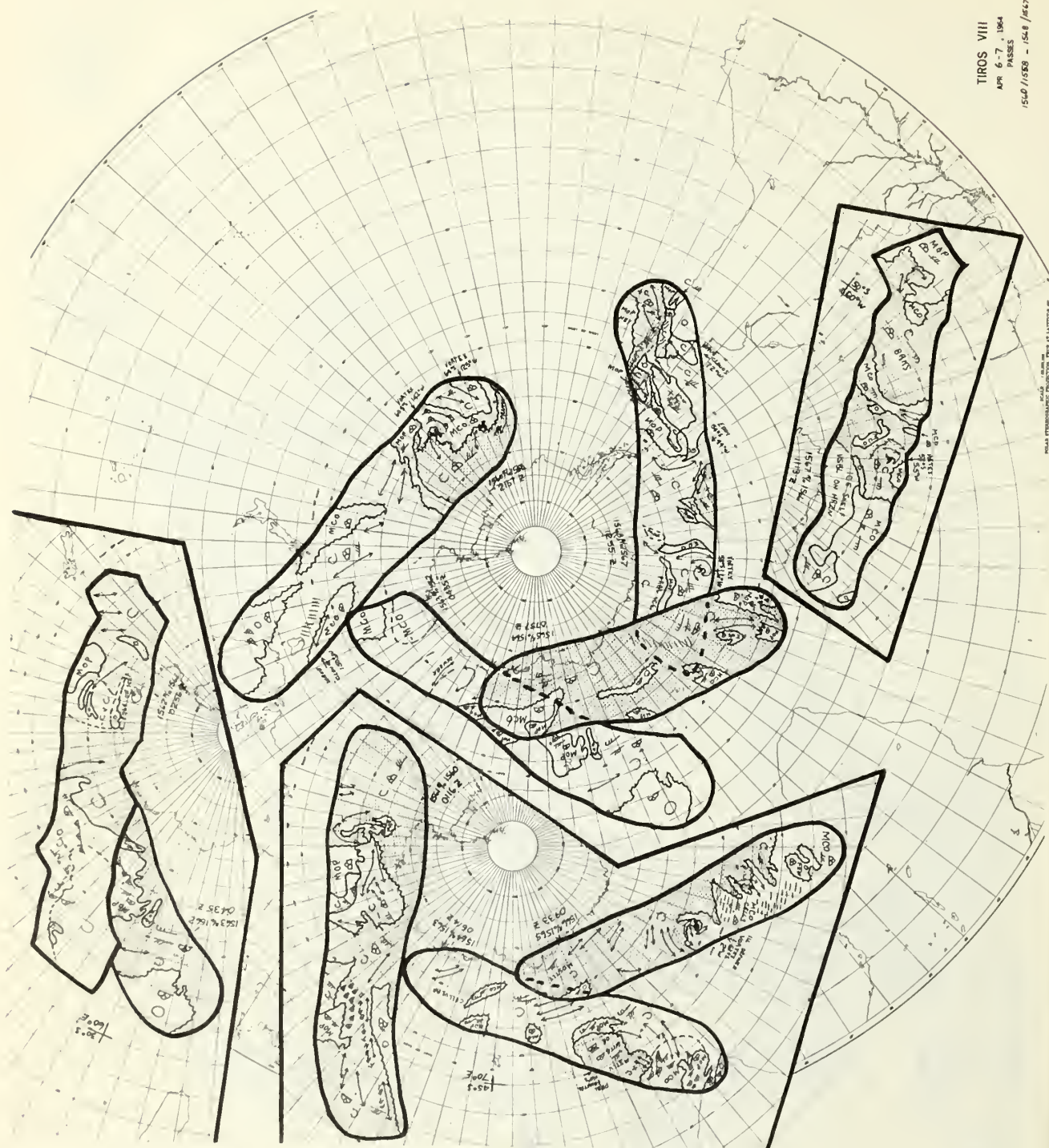
TIROS VIII
 APR 3-4, 1964
 PAGES
 1517/1515 - 1531/1527



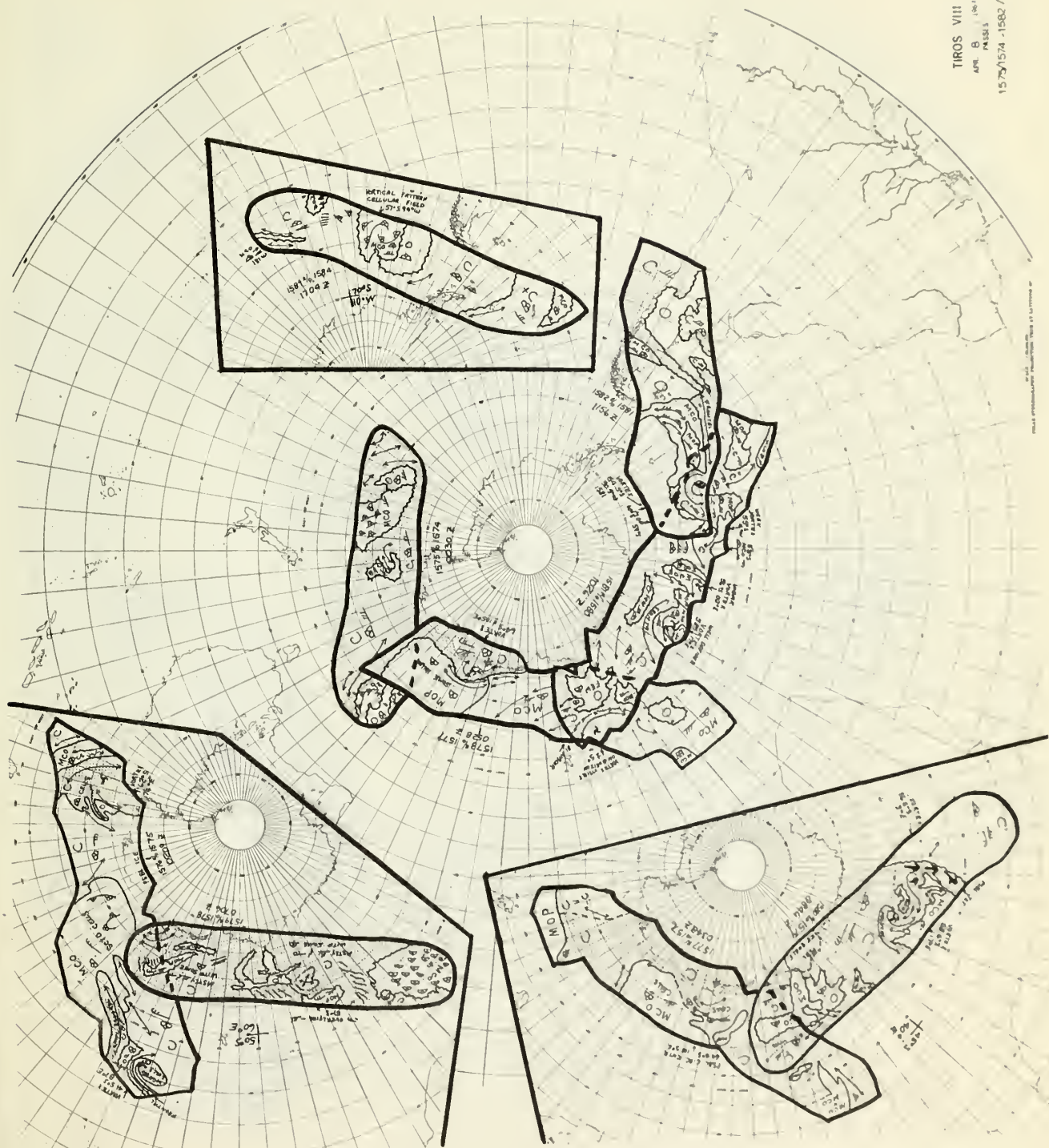


1546 1544 . 1553 1552





U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

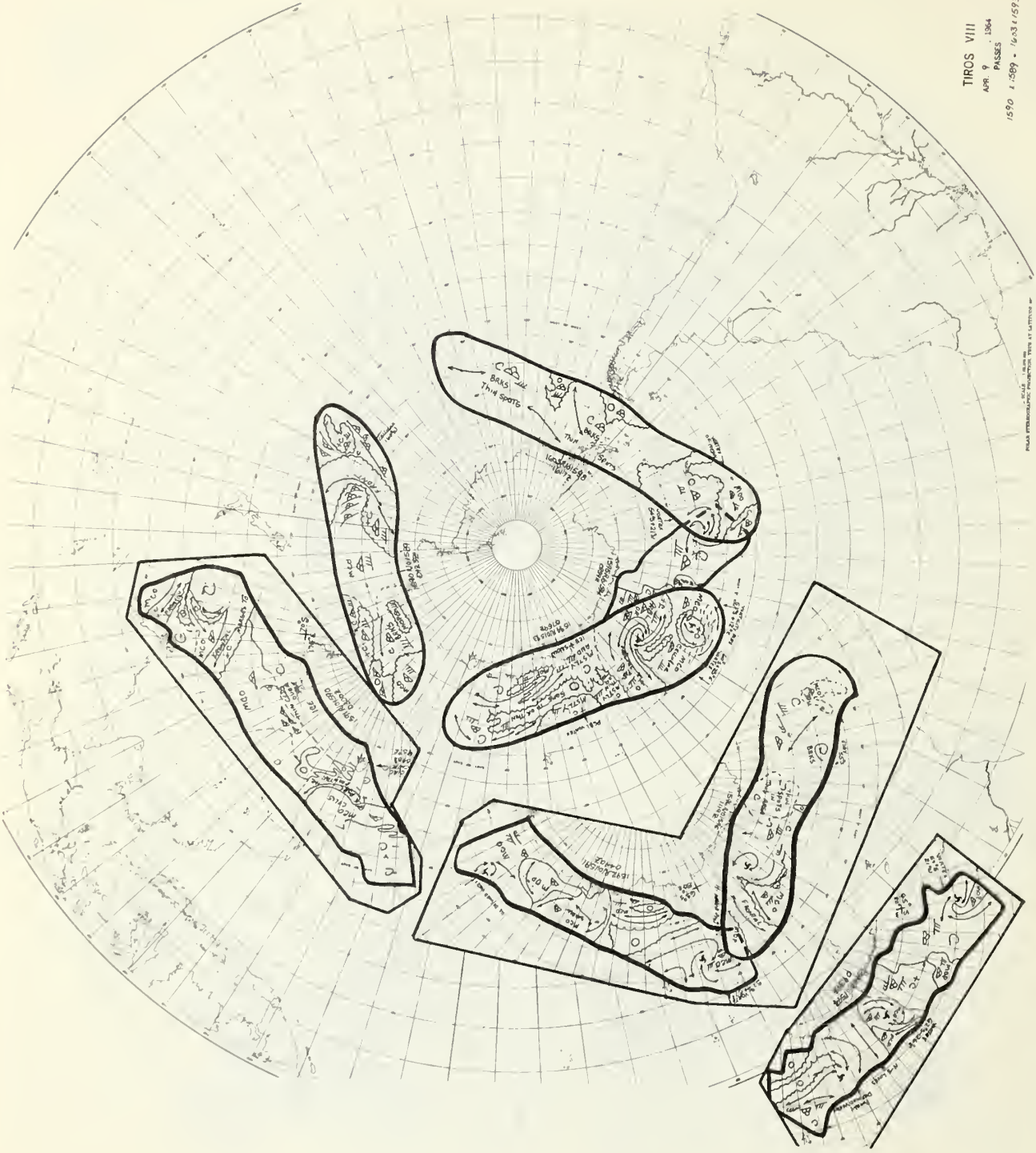


TIROS VIII

APR 9 1964

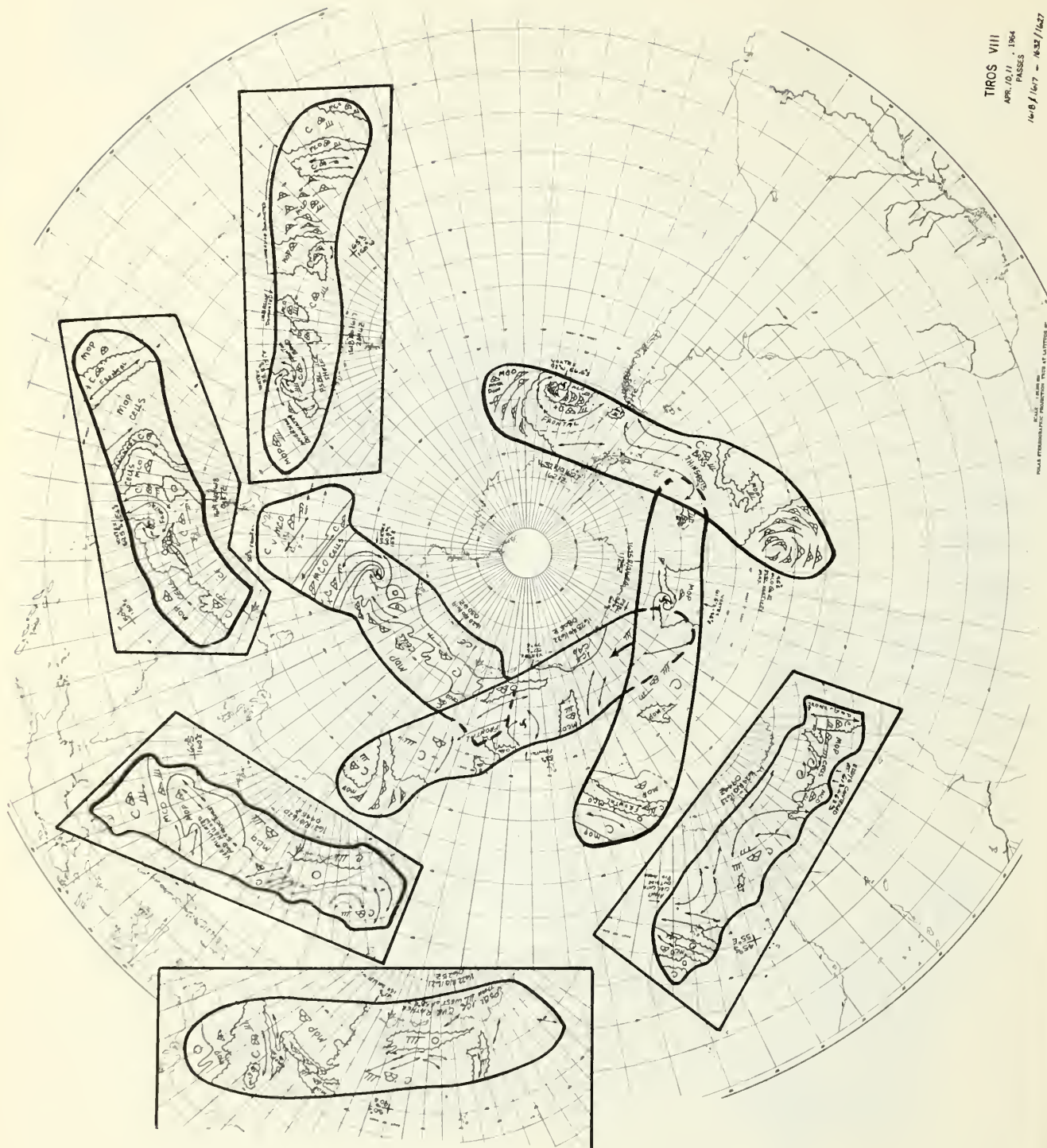
PAGES

1580 1:589 - 1653 1593

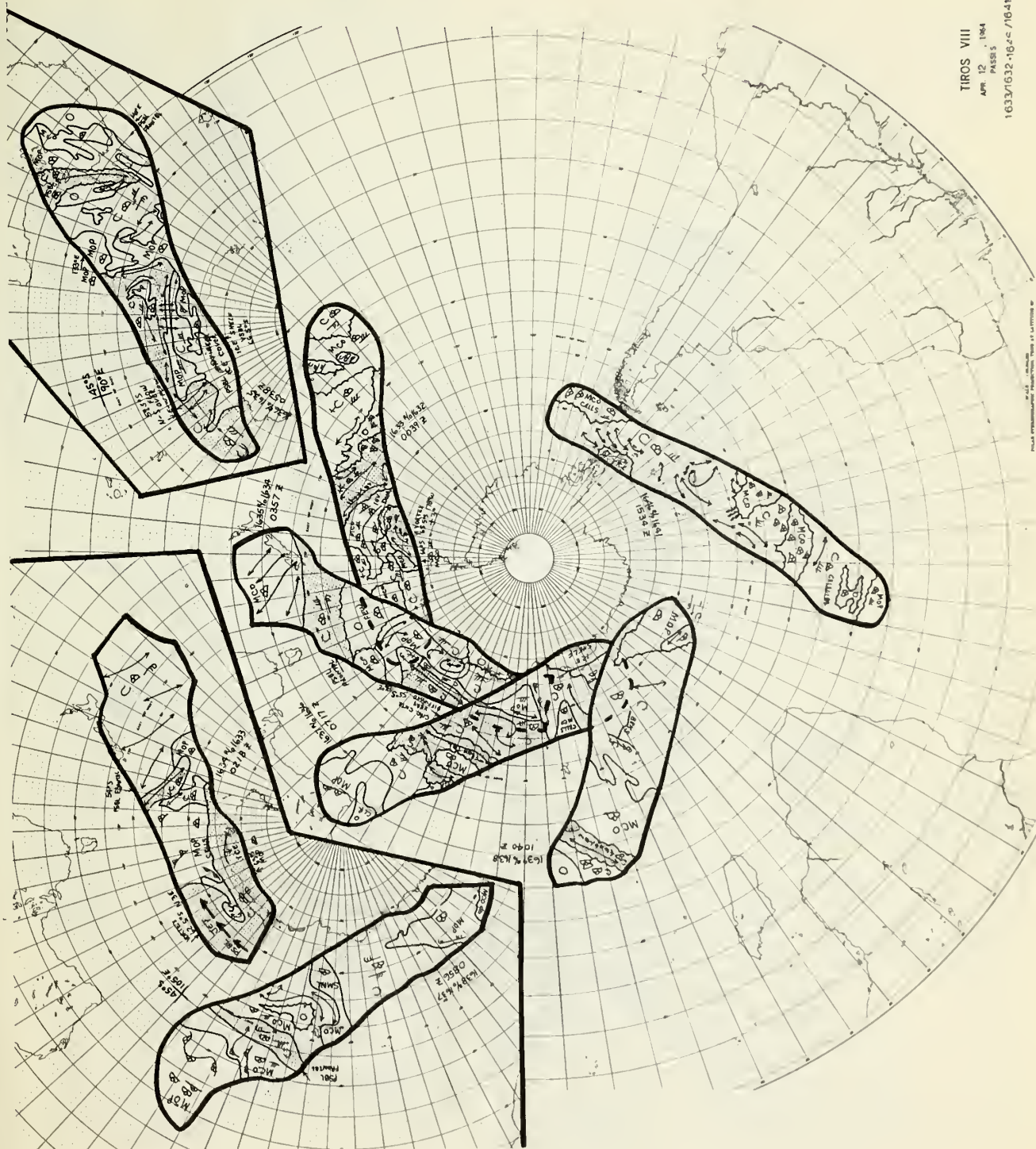


ARCTIC REGIONALIZATION PROJECT: THIS AT LANTANA

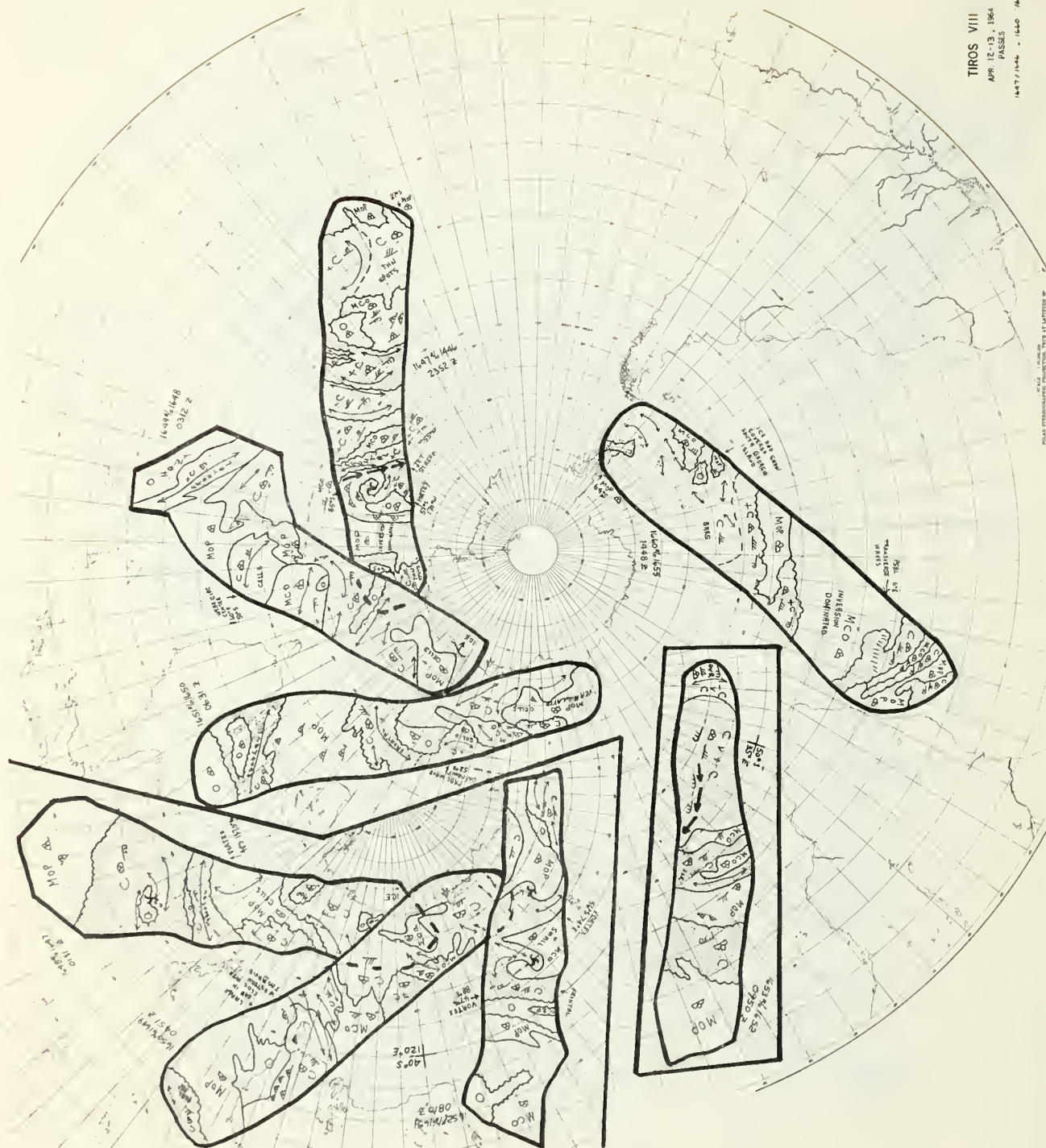
1618/1617 - 1632/1627



TIROS VIII
 APR 12 1964
 PASS 5
 1633/1632-1640/1641

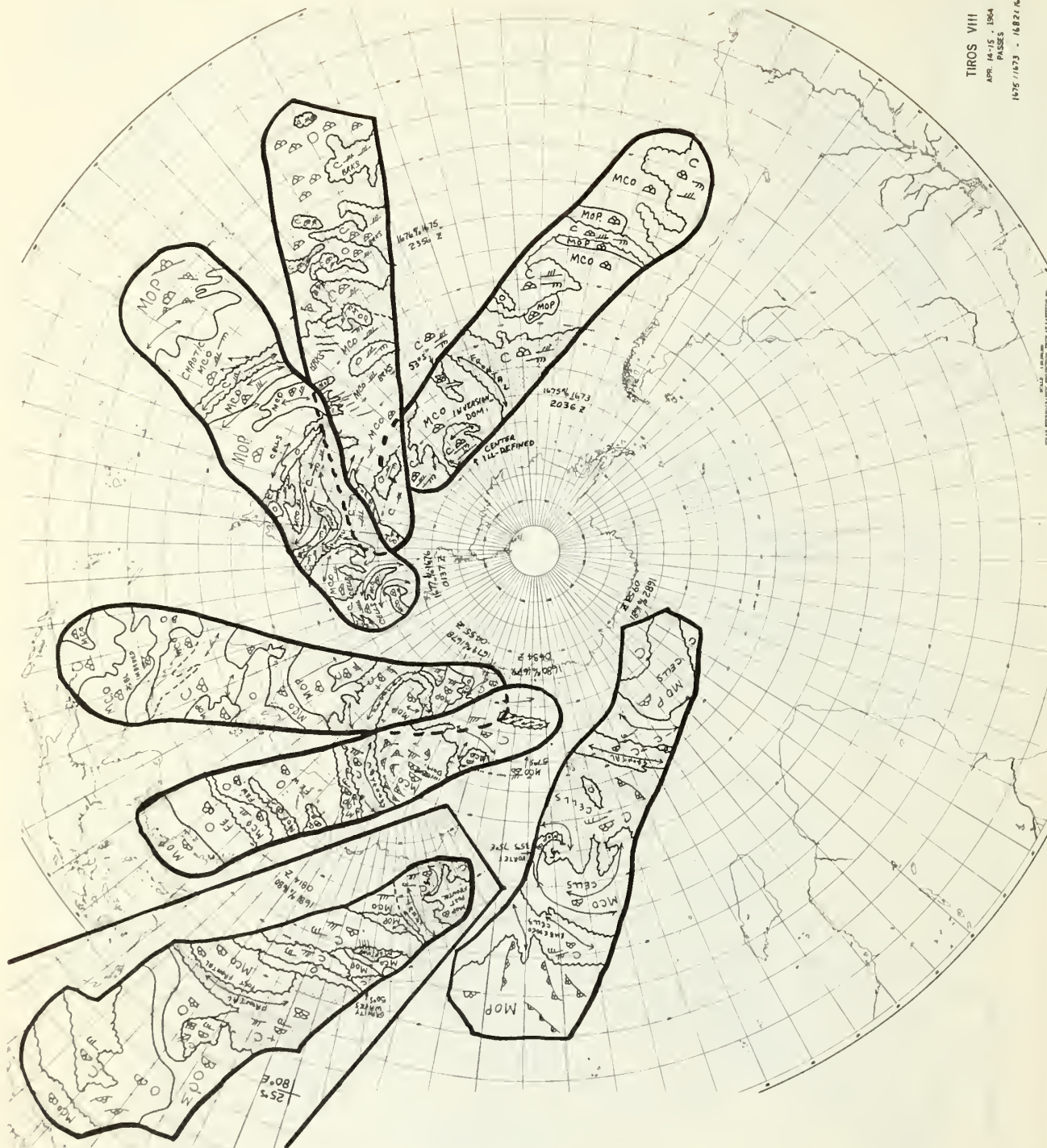


5591. 0791 - 9091 / 409



APR. 14-15 . 1964
PASSER

977 A.L.B. 1 000 000 000

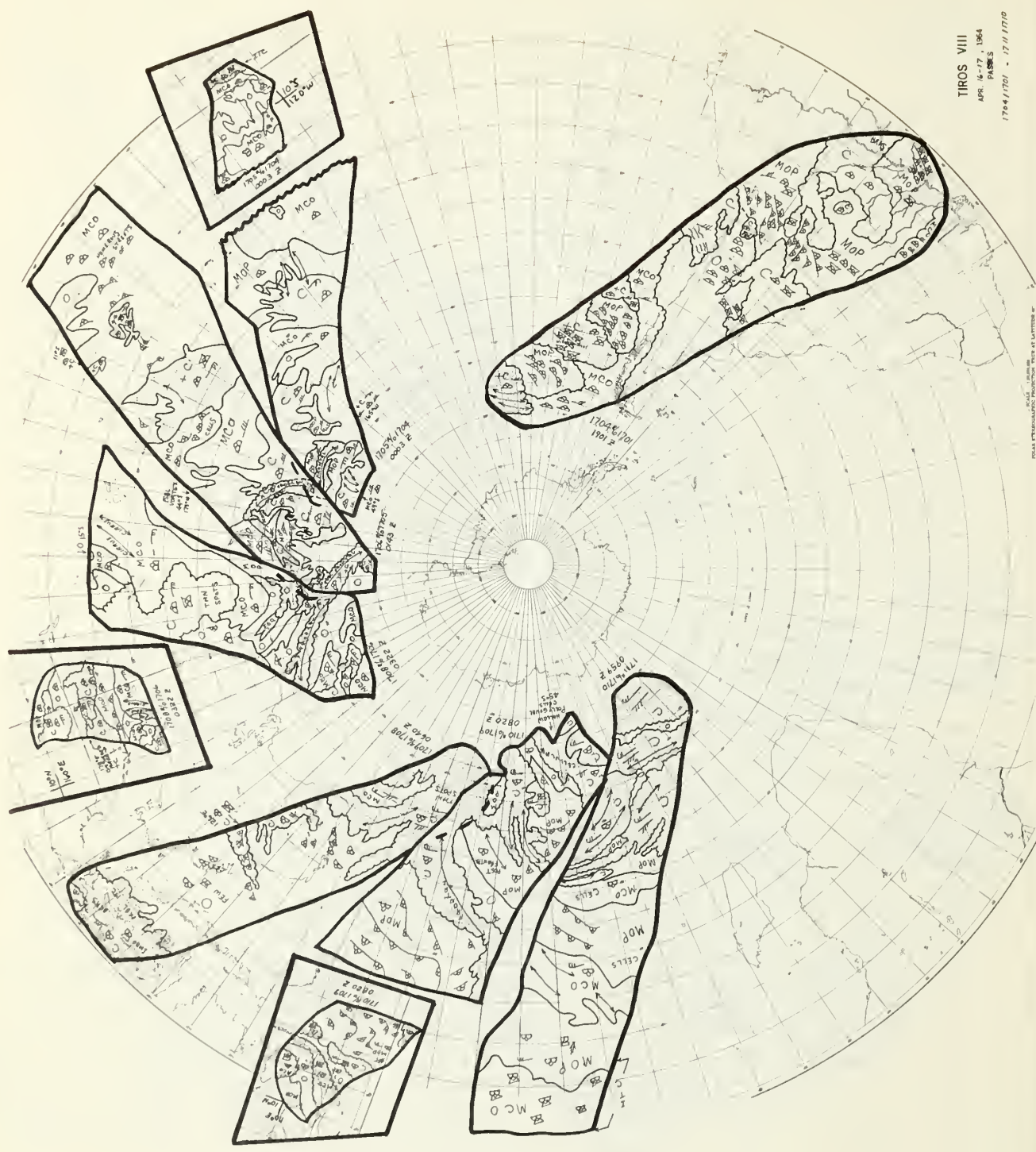


TIROS VIII

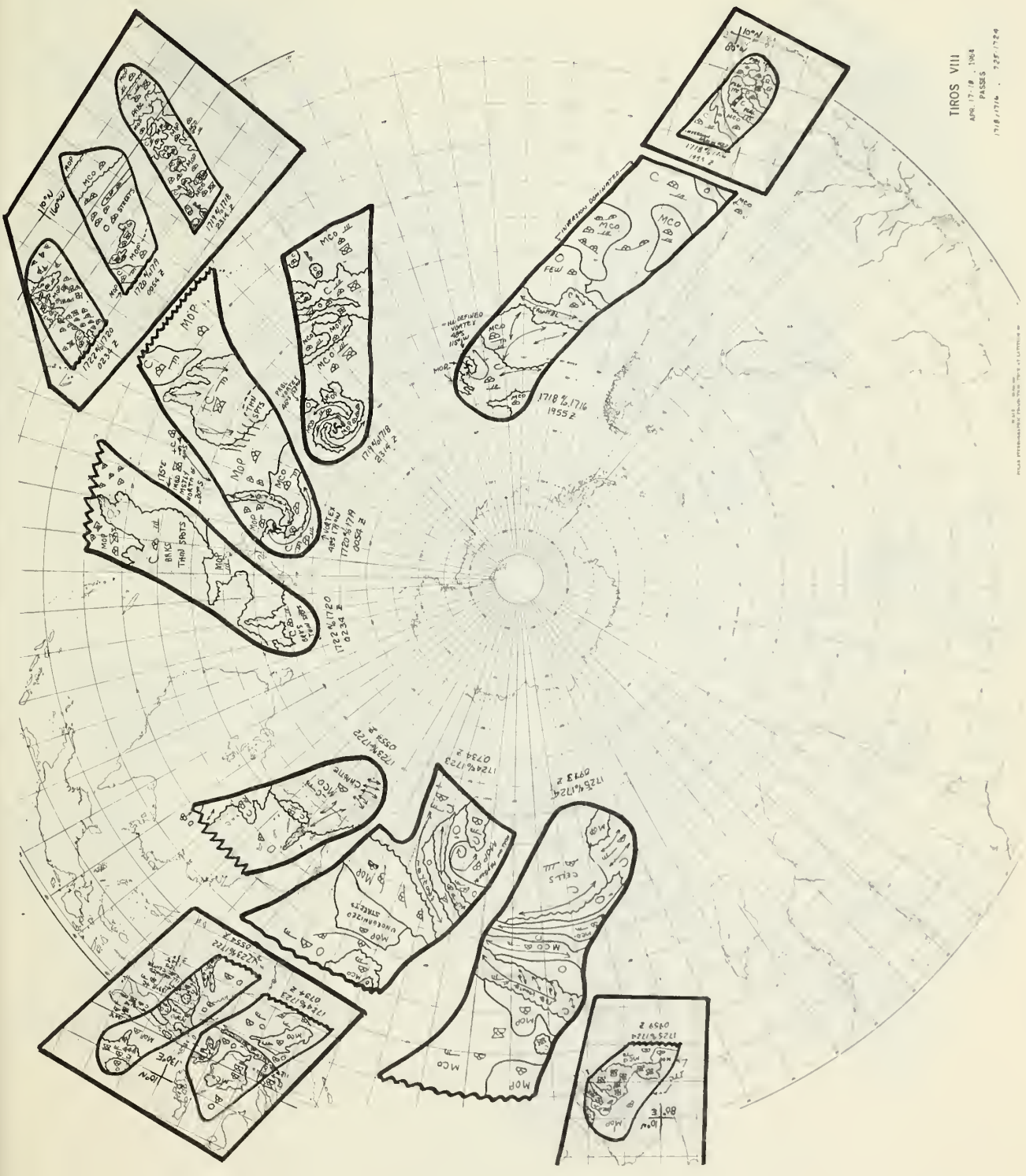
APR. 16-17, 1964

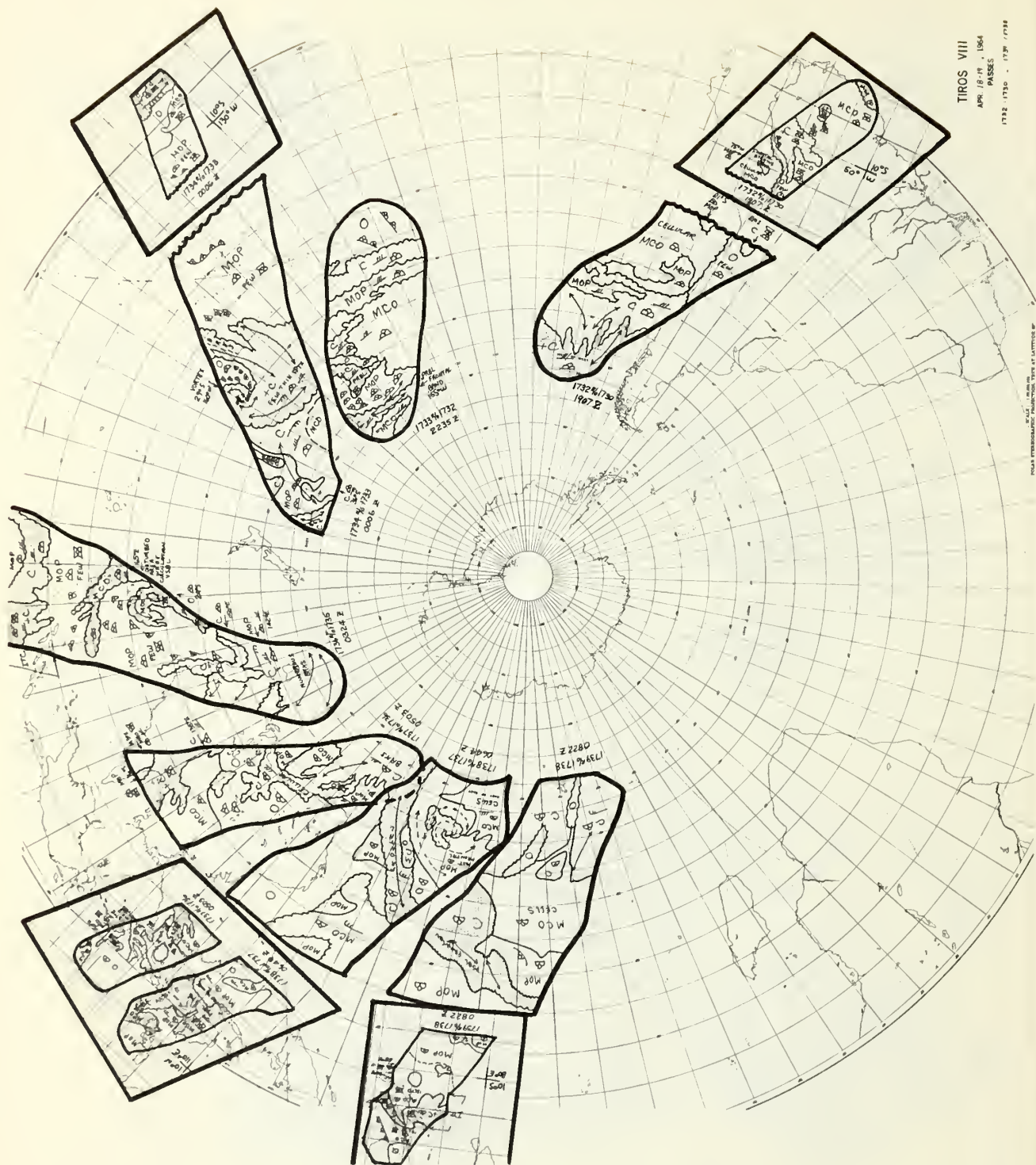
PAGE 3

1784/1701 - 1711/1710

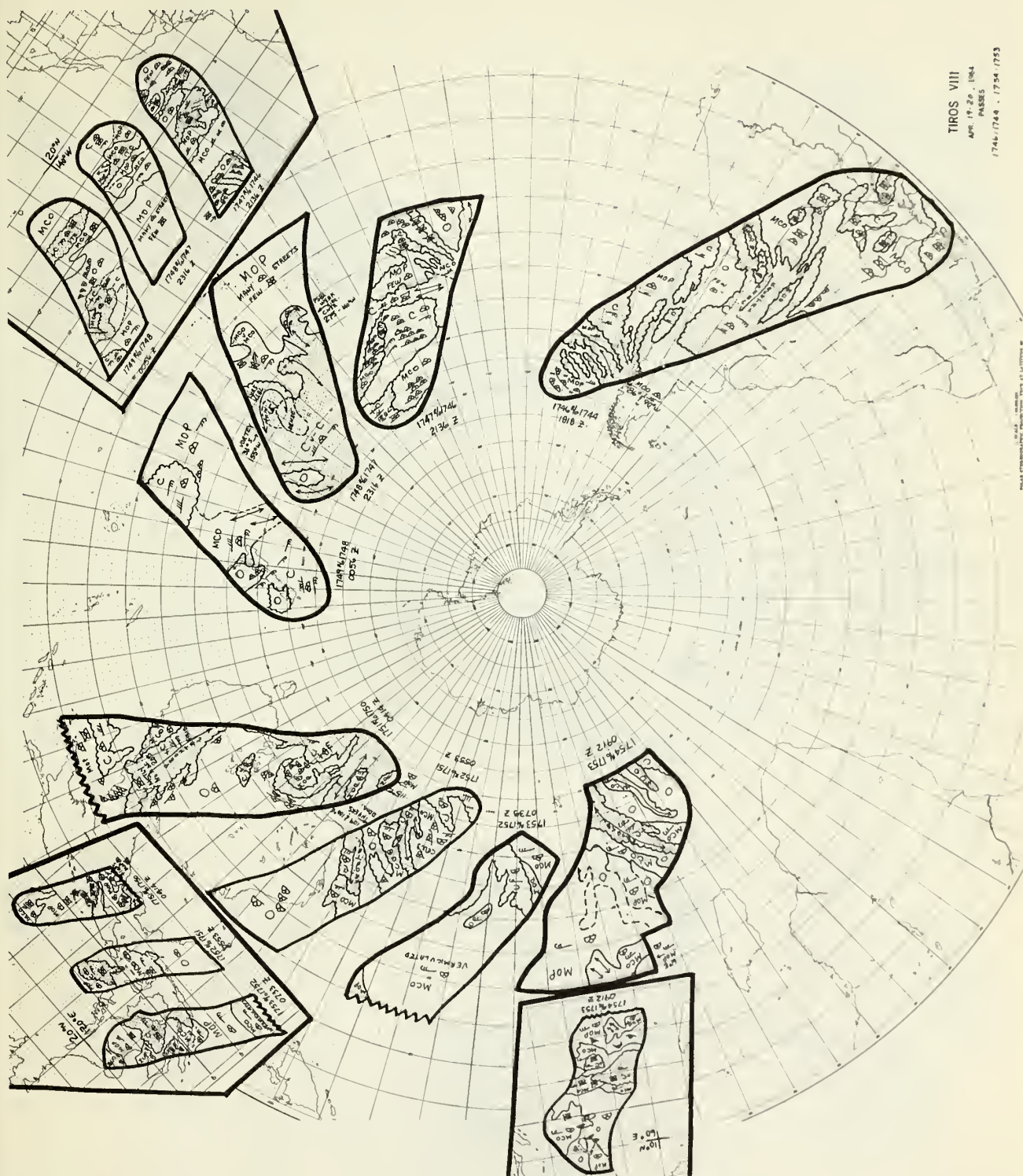


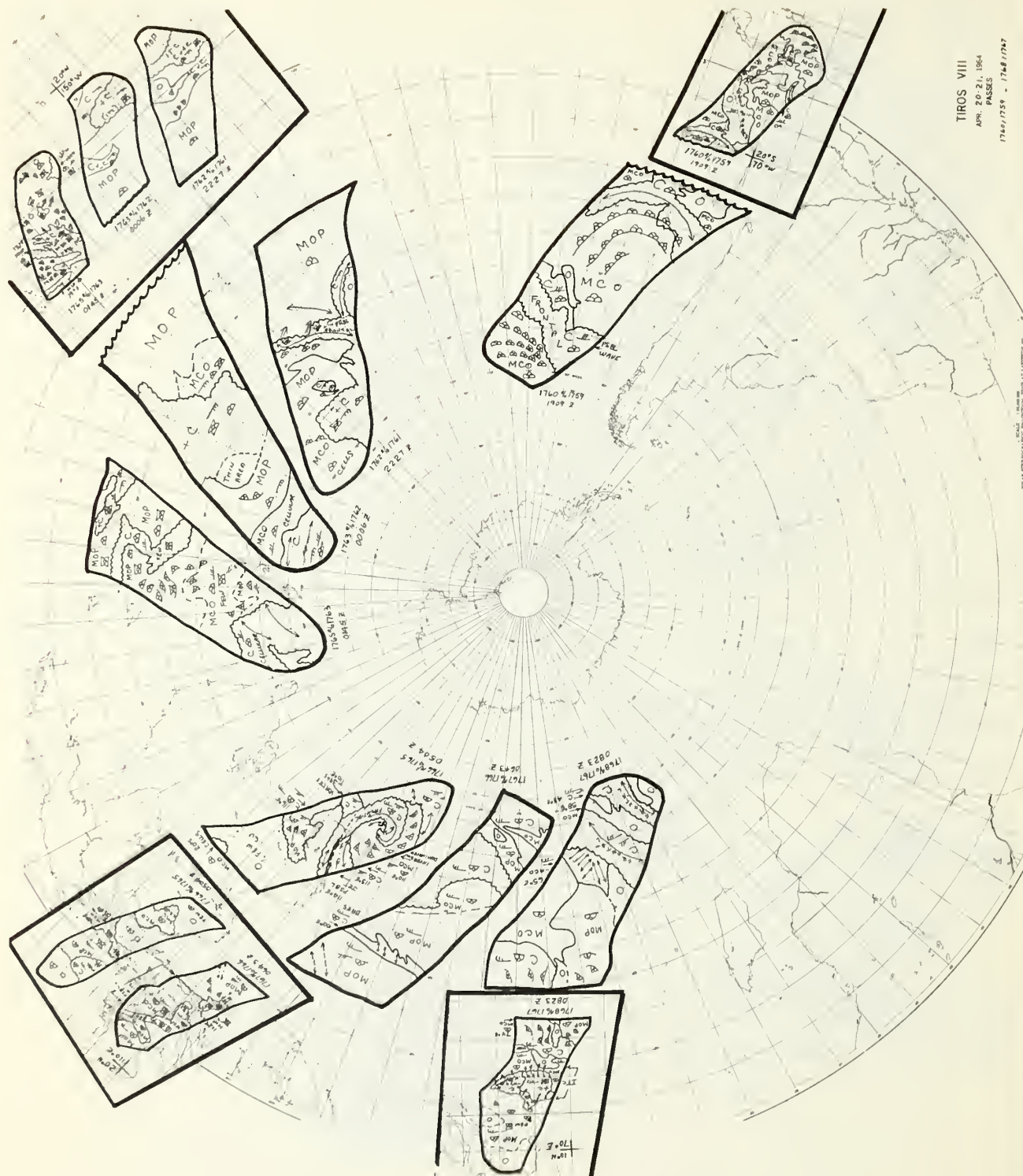
TIROS VIII
 APR. 17-19, 1964
 PASSES
 1718/1716 25F/1724

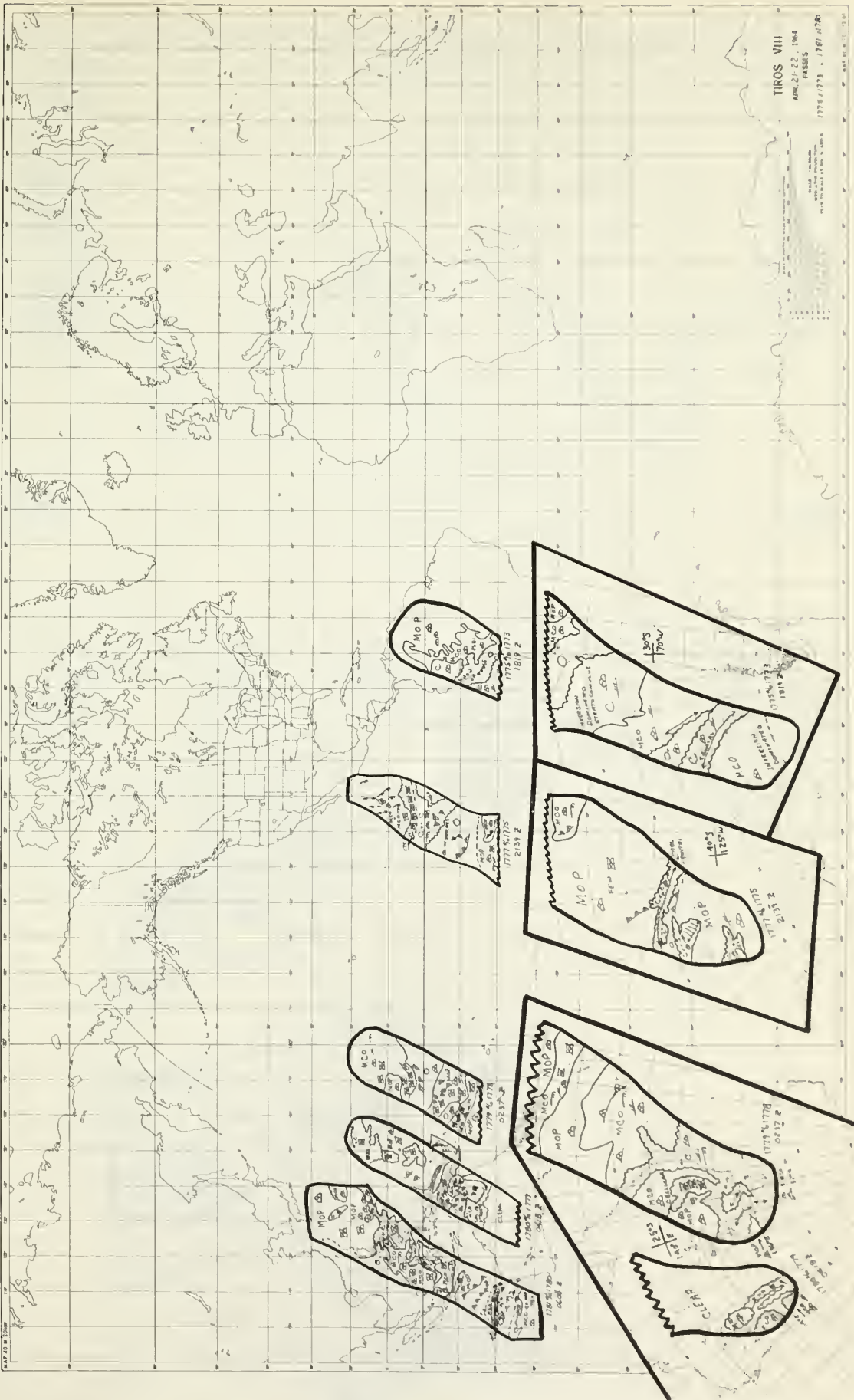




1746, 1749, 1754, 1753







TIROS VIII
APR 21-22, 1964
PAGES
1775/1773 - 1781/1780

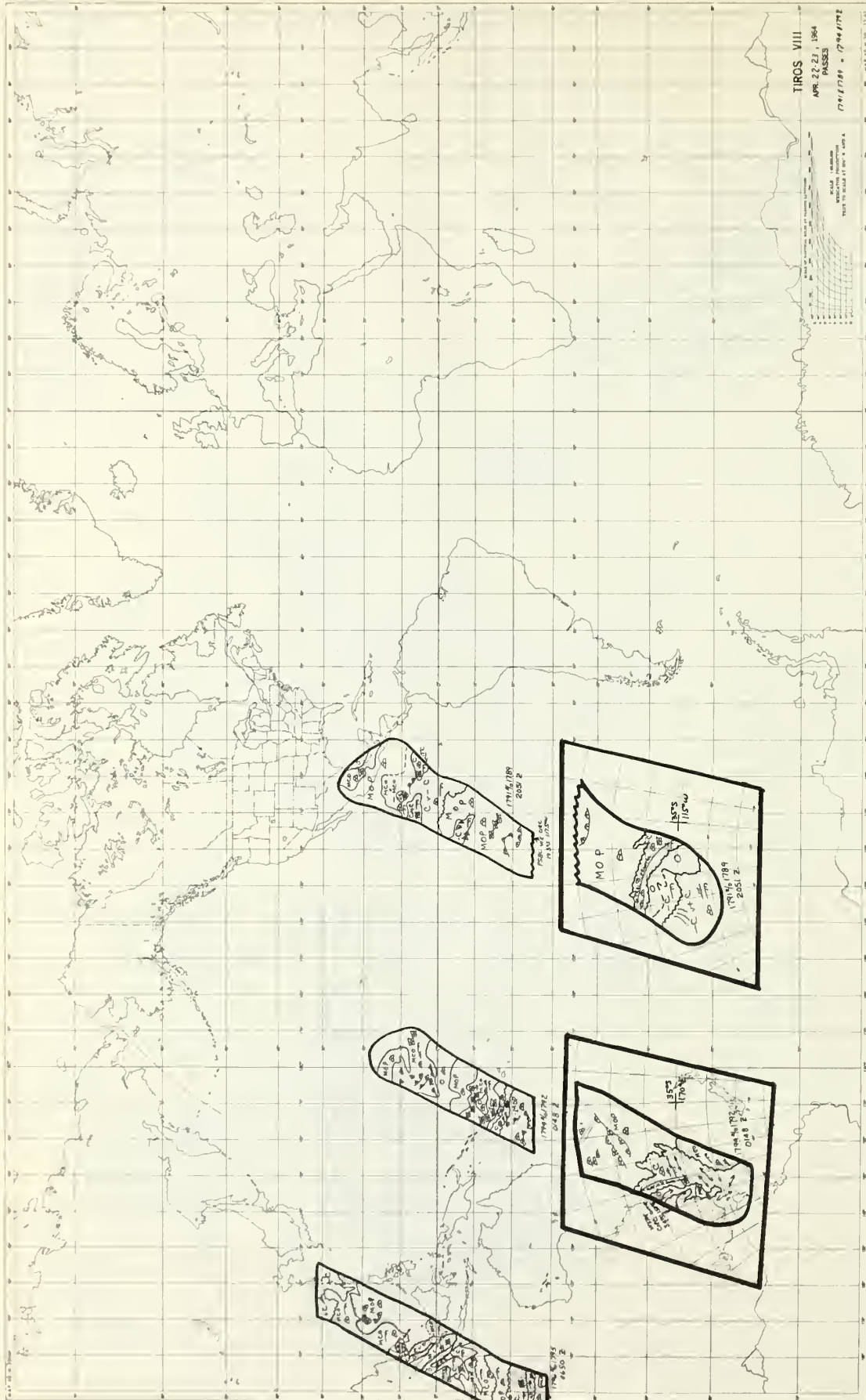
TIROS VIII

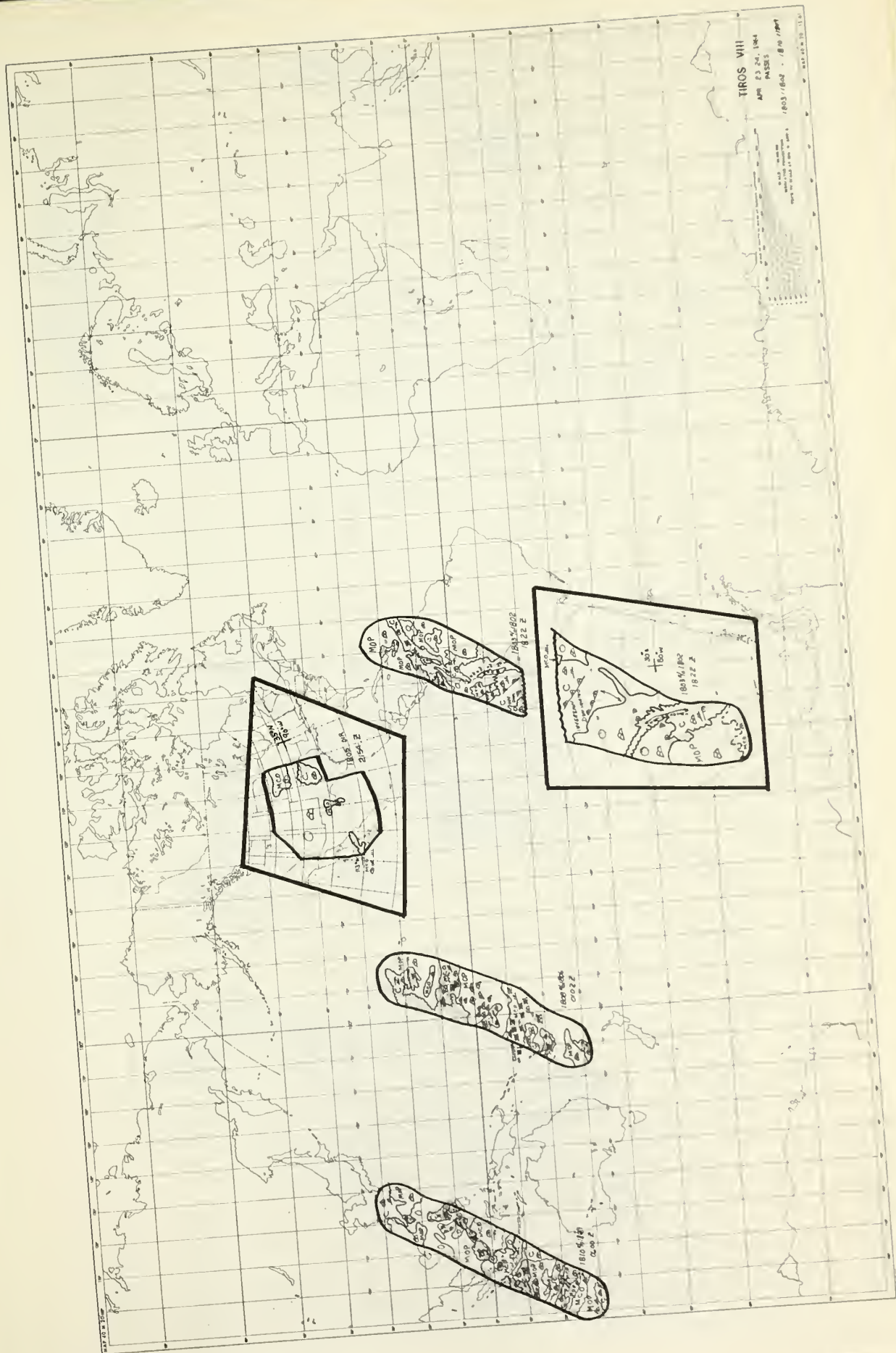
APR 22-23, 1964

PASSES

17041700 - 17041702

SCALE 1:100,000
 METRIC UNIT CONVERSION
 1 INCH = 2.54 CM
 1 MILE = 1.609 KM

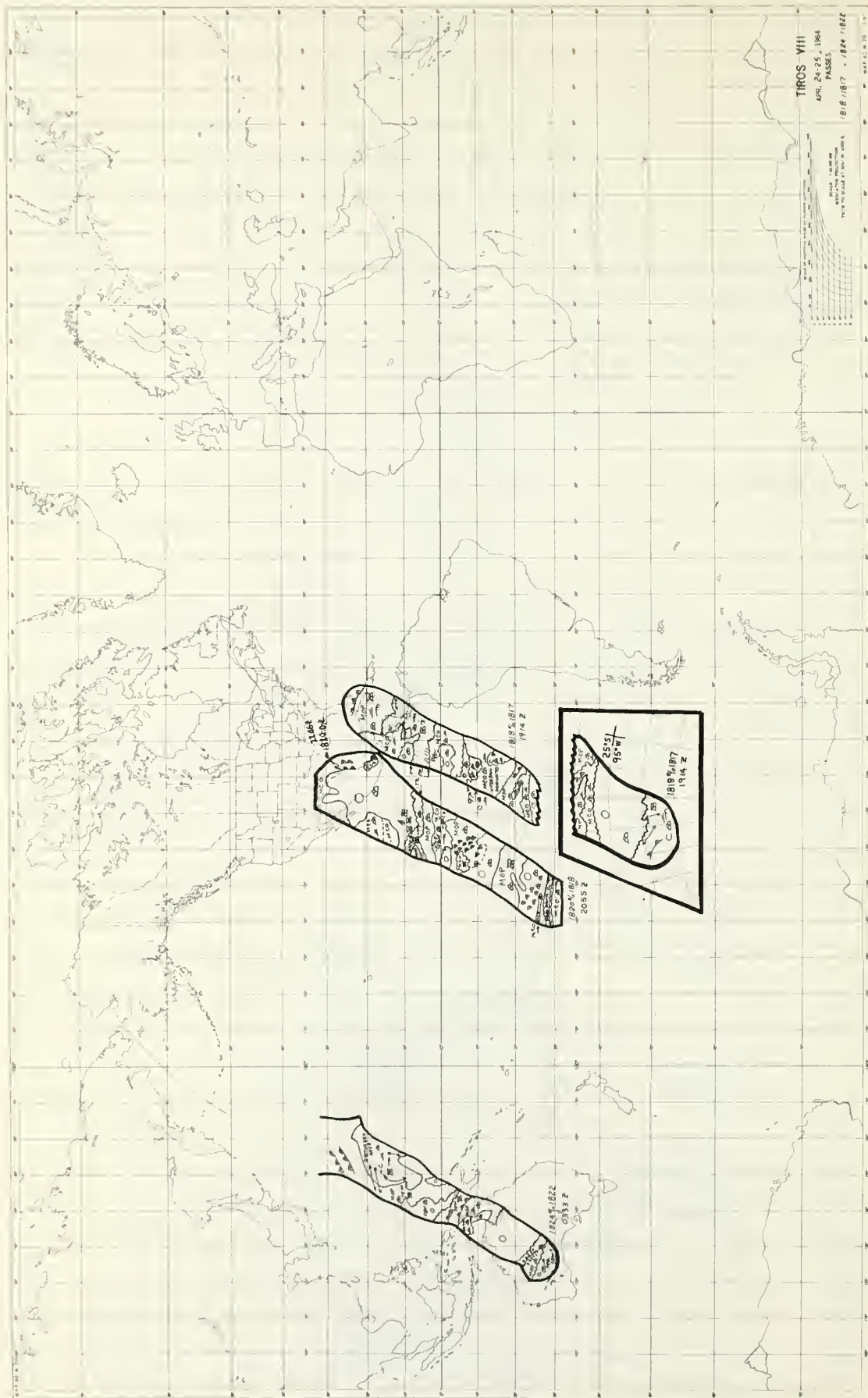


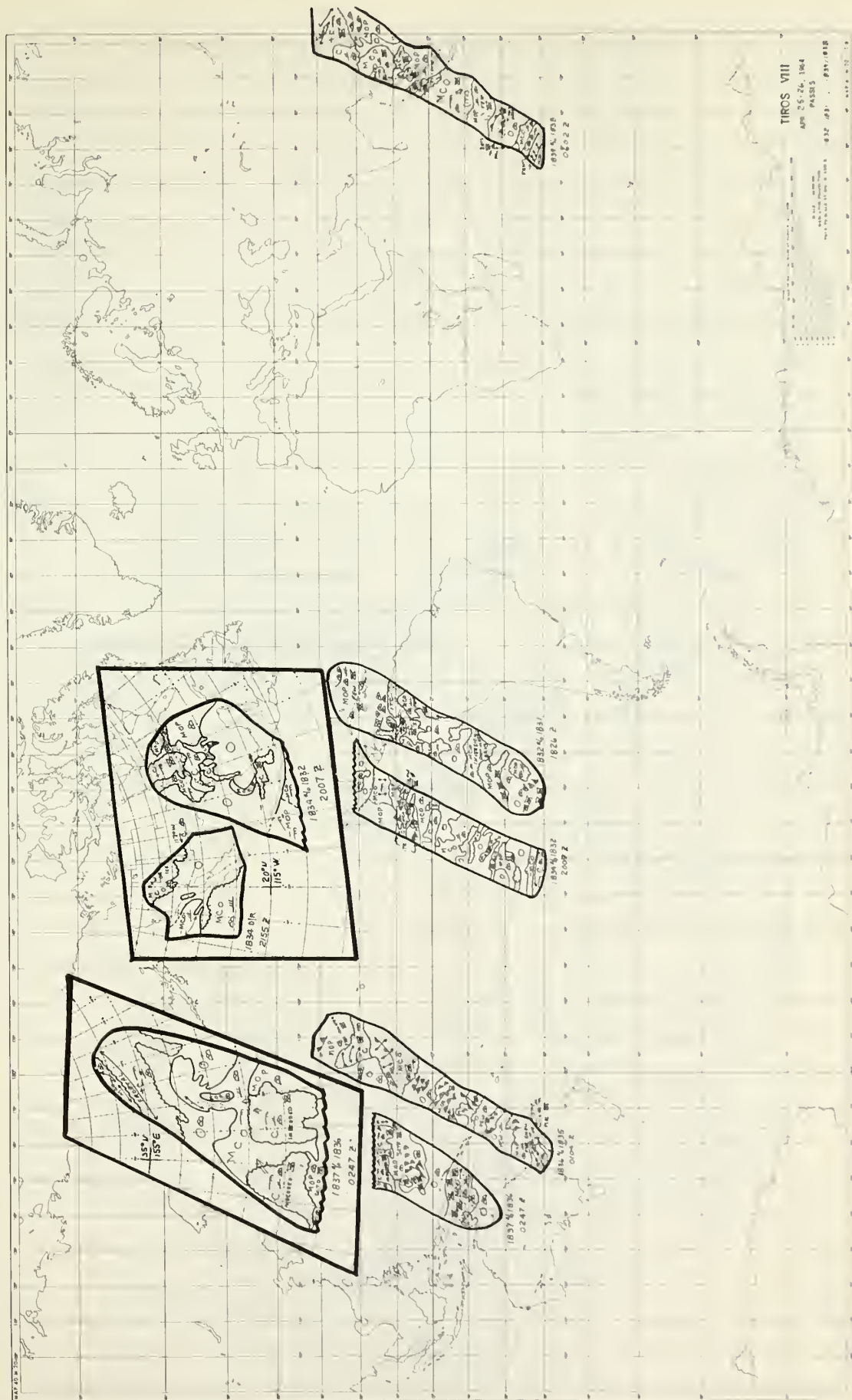


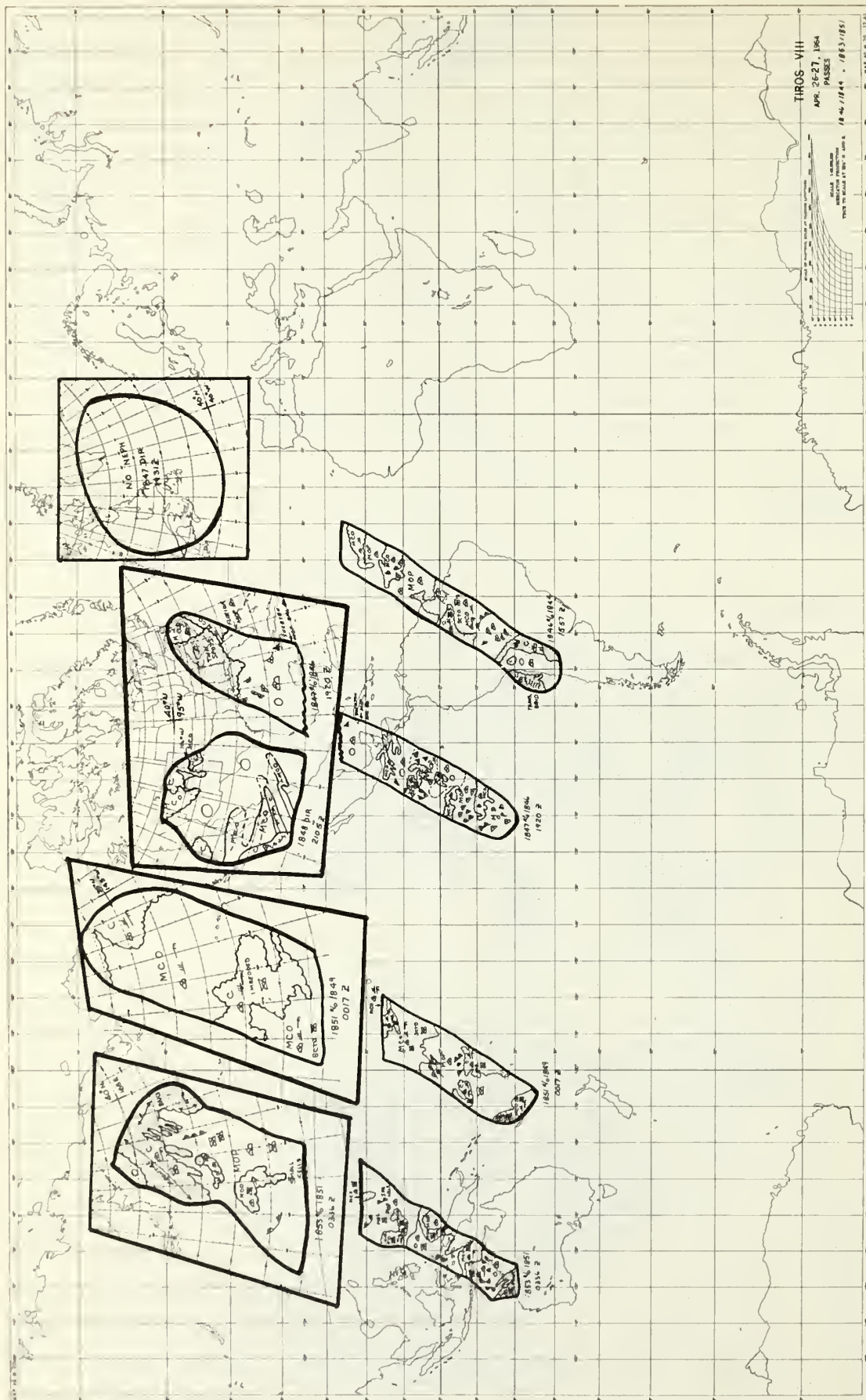
TIROS VIII
JUN 23 24 1964
PASS 5

1803-1804 - 1800 / 1801









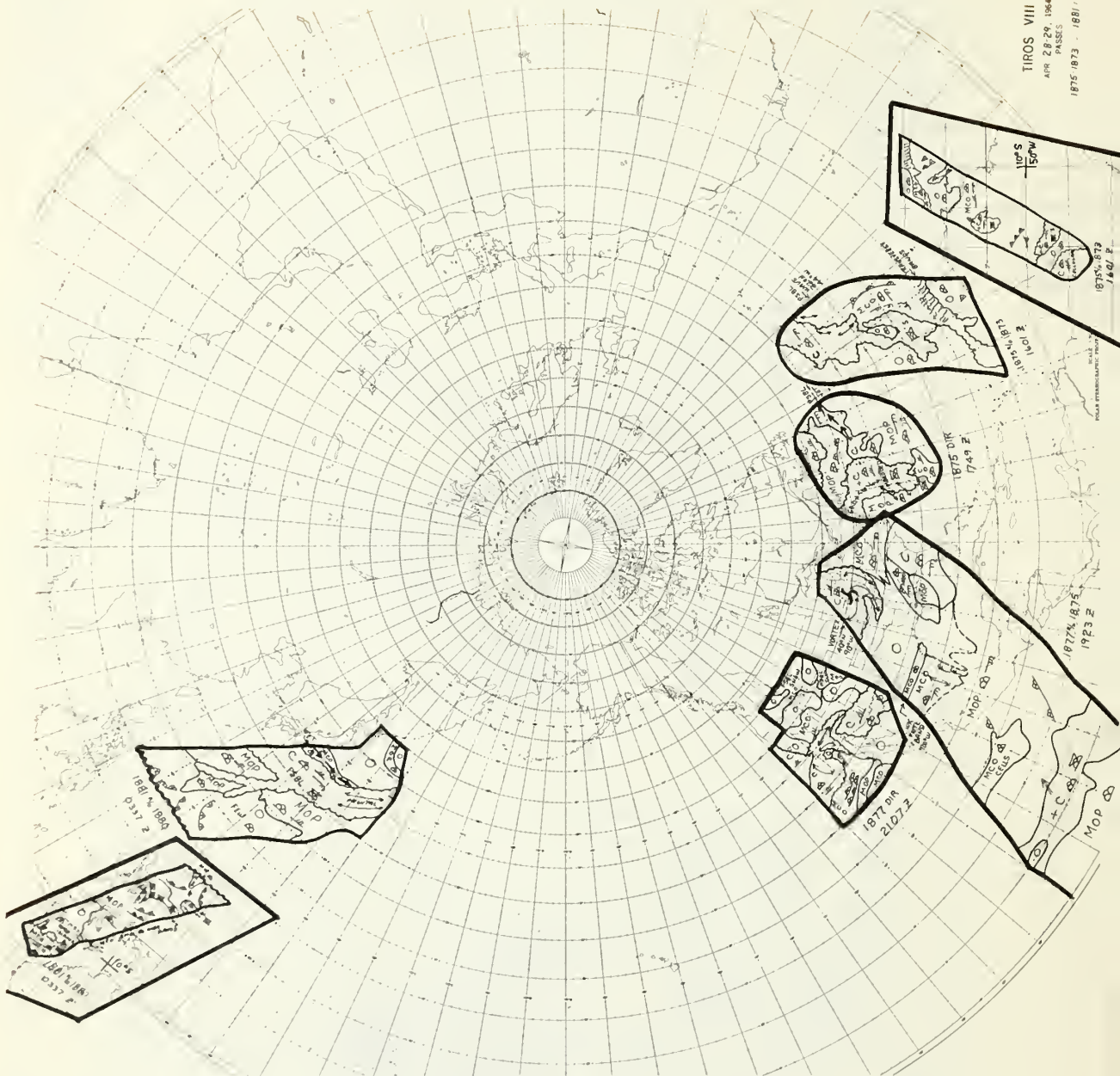


TIROS VII

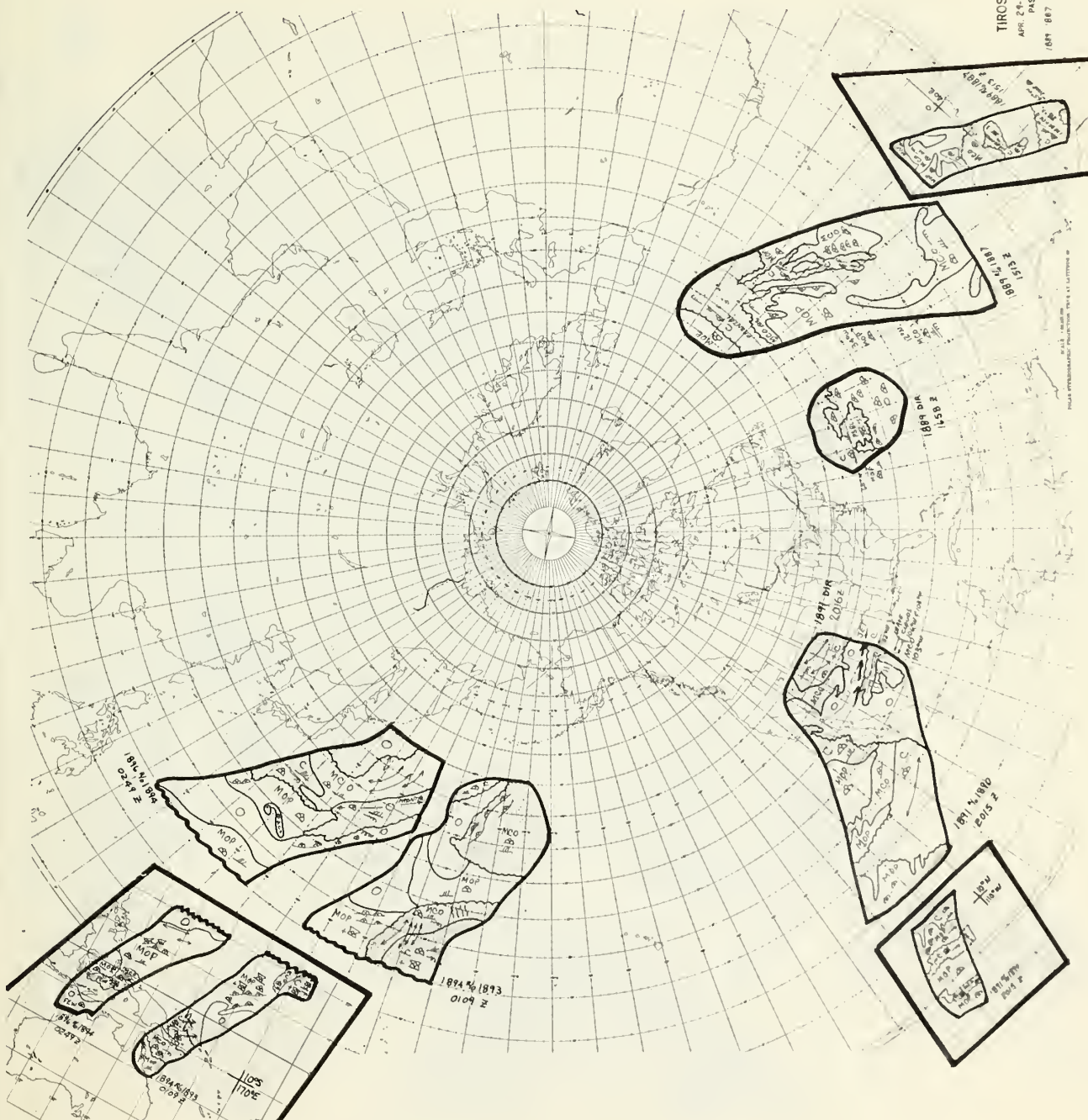
APR 27-28, 1964

PASSES

1964 / 1964



1809-807 - 1896 1894

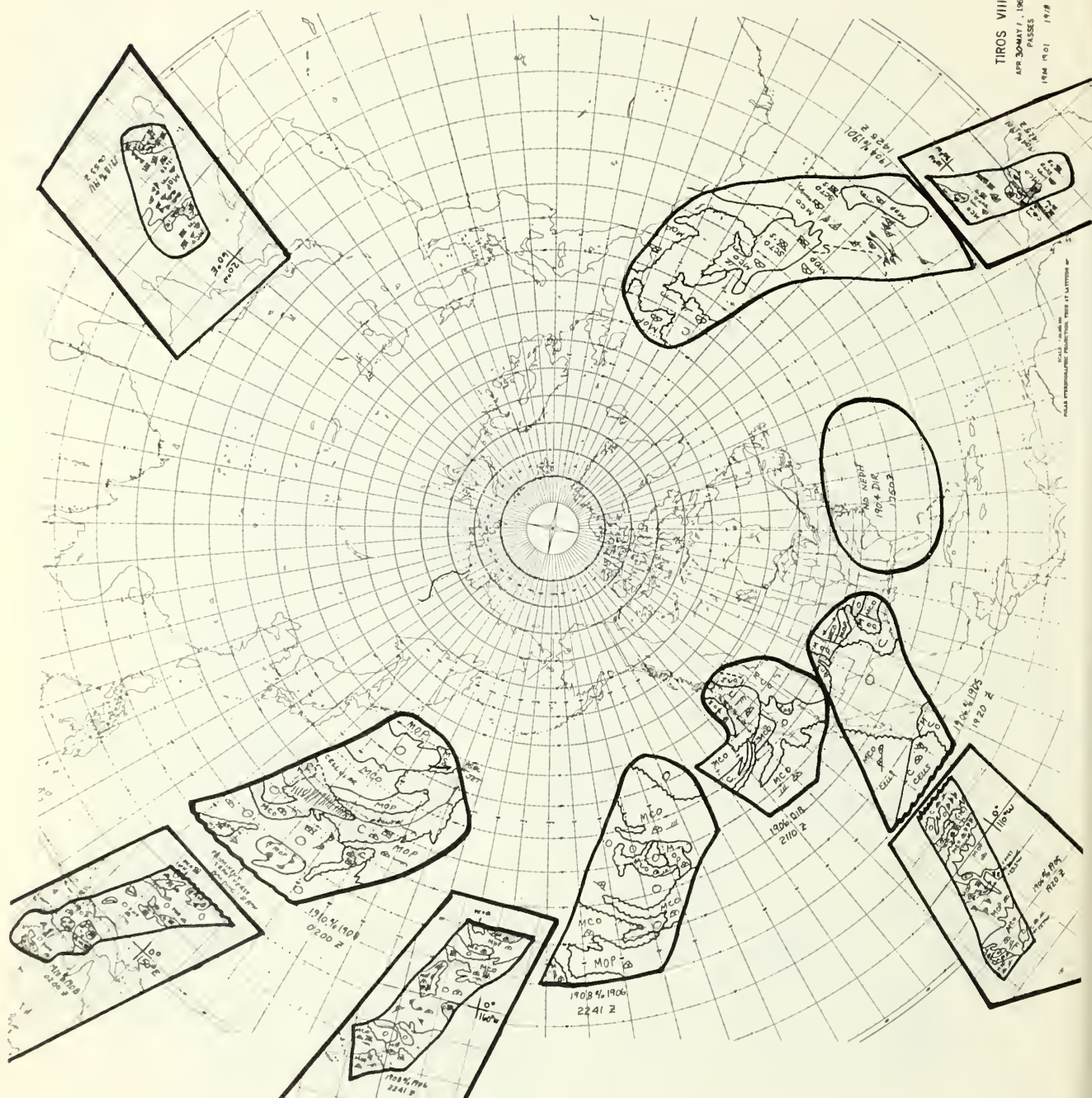


TIROS VIII

APR 30 MAY 1, 1964

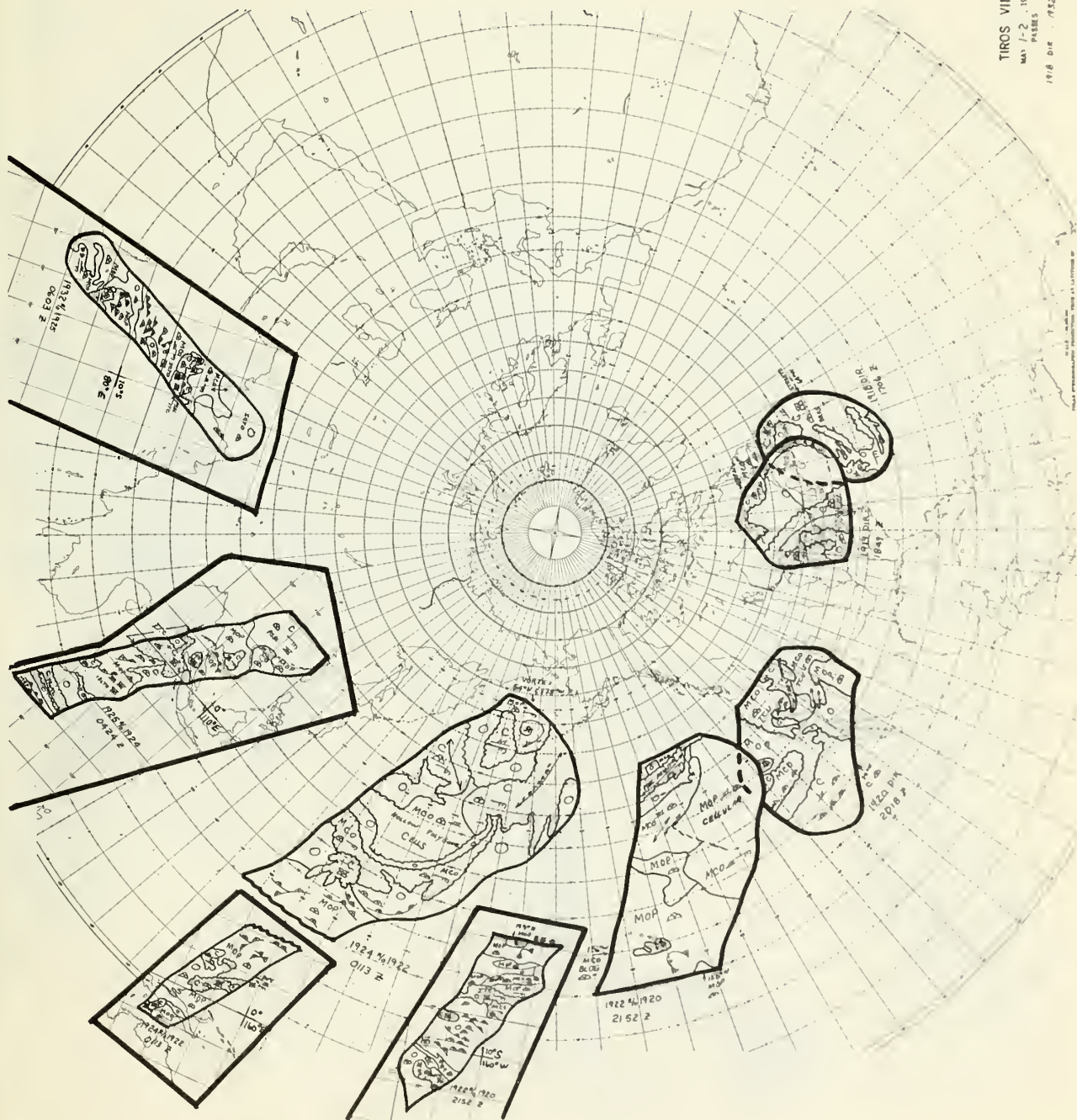
PASSES

1904 1901 1918 1911

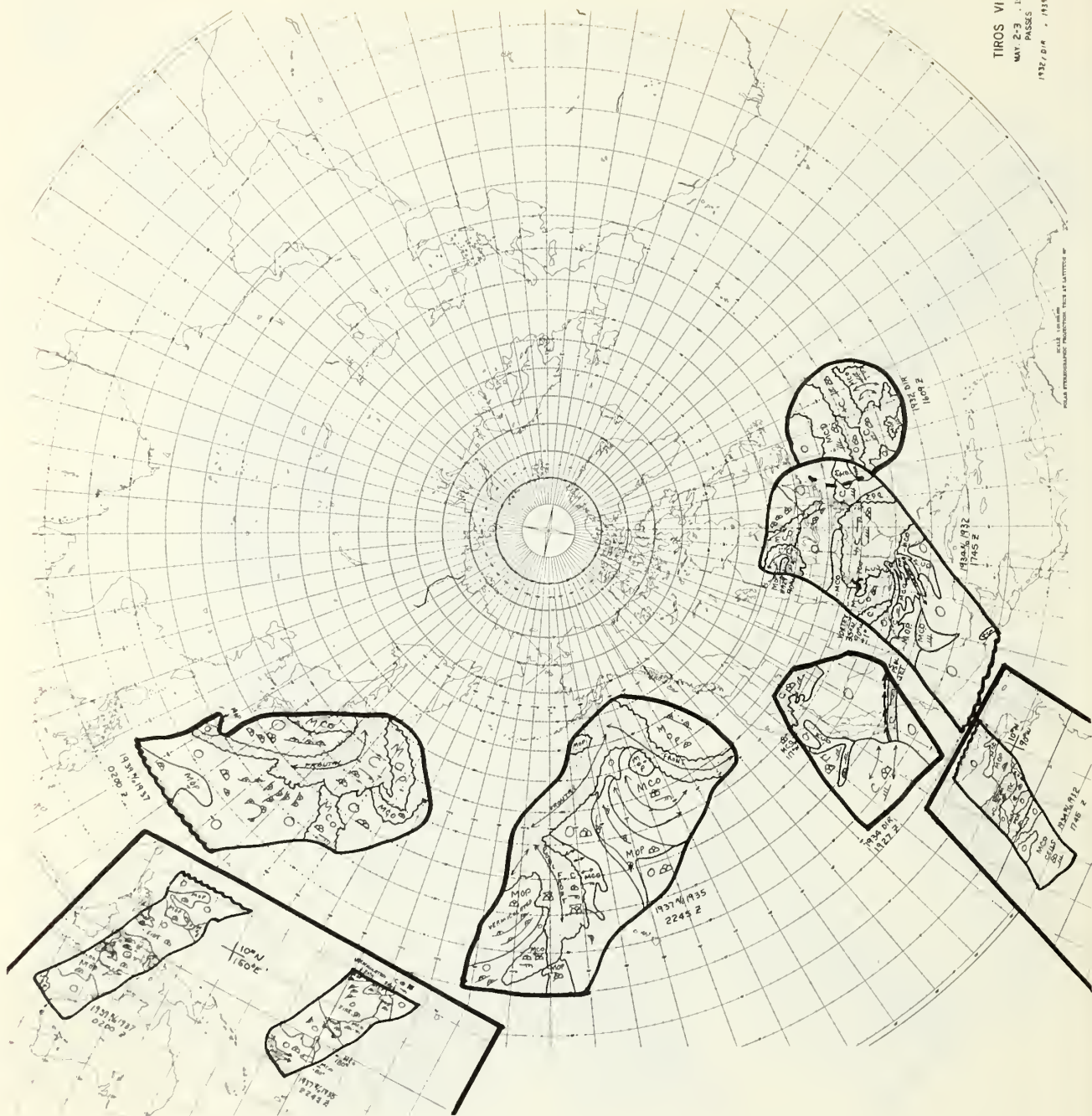


TIROS VIII
 MAY 1-2, 1964
 PAGES

1918 014 1932 425



1932/DIA, 1939, 1937

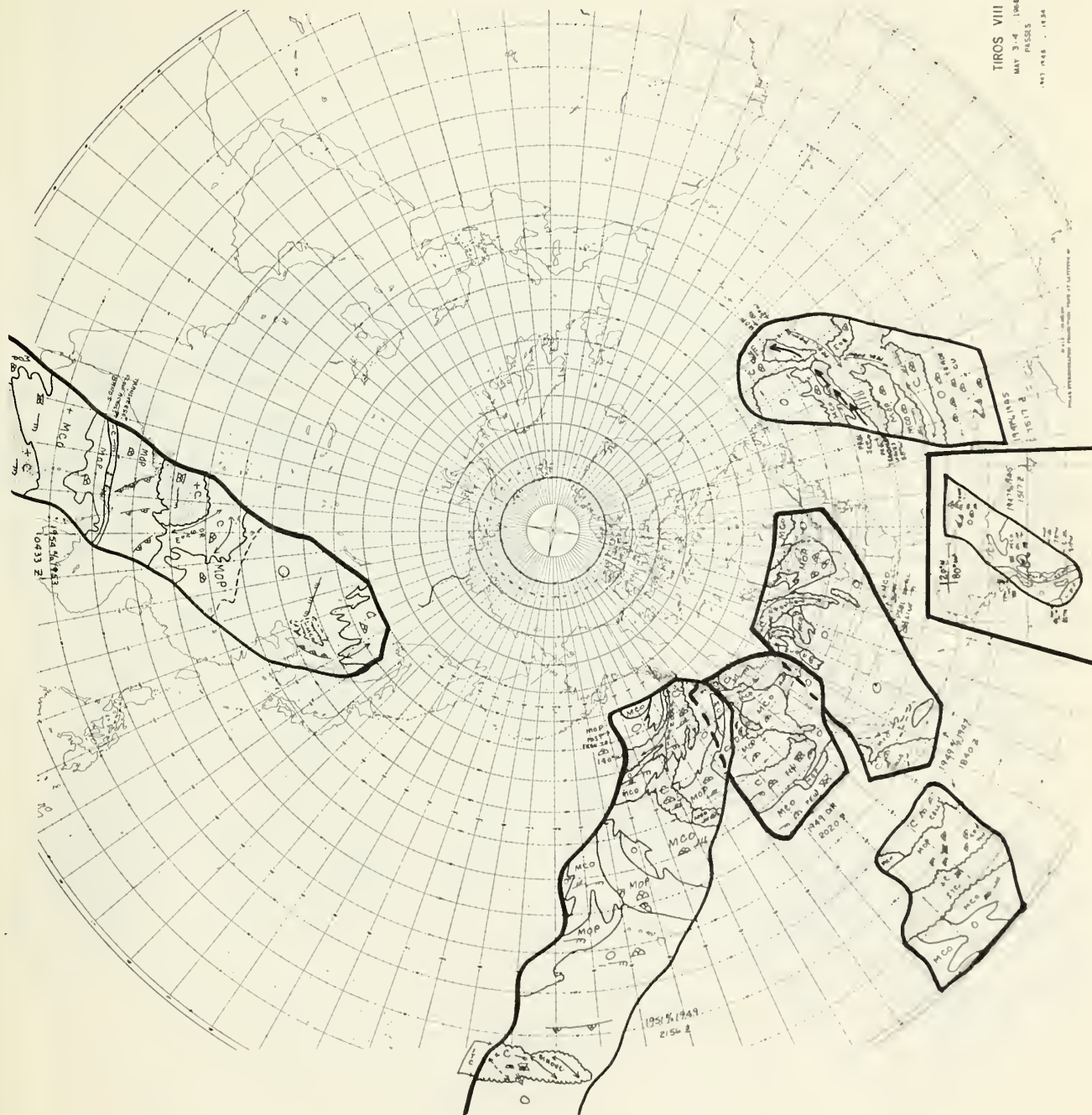


TIROS VIII

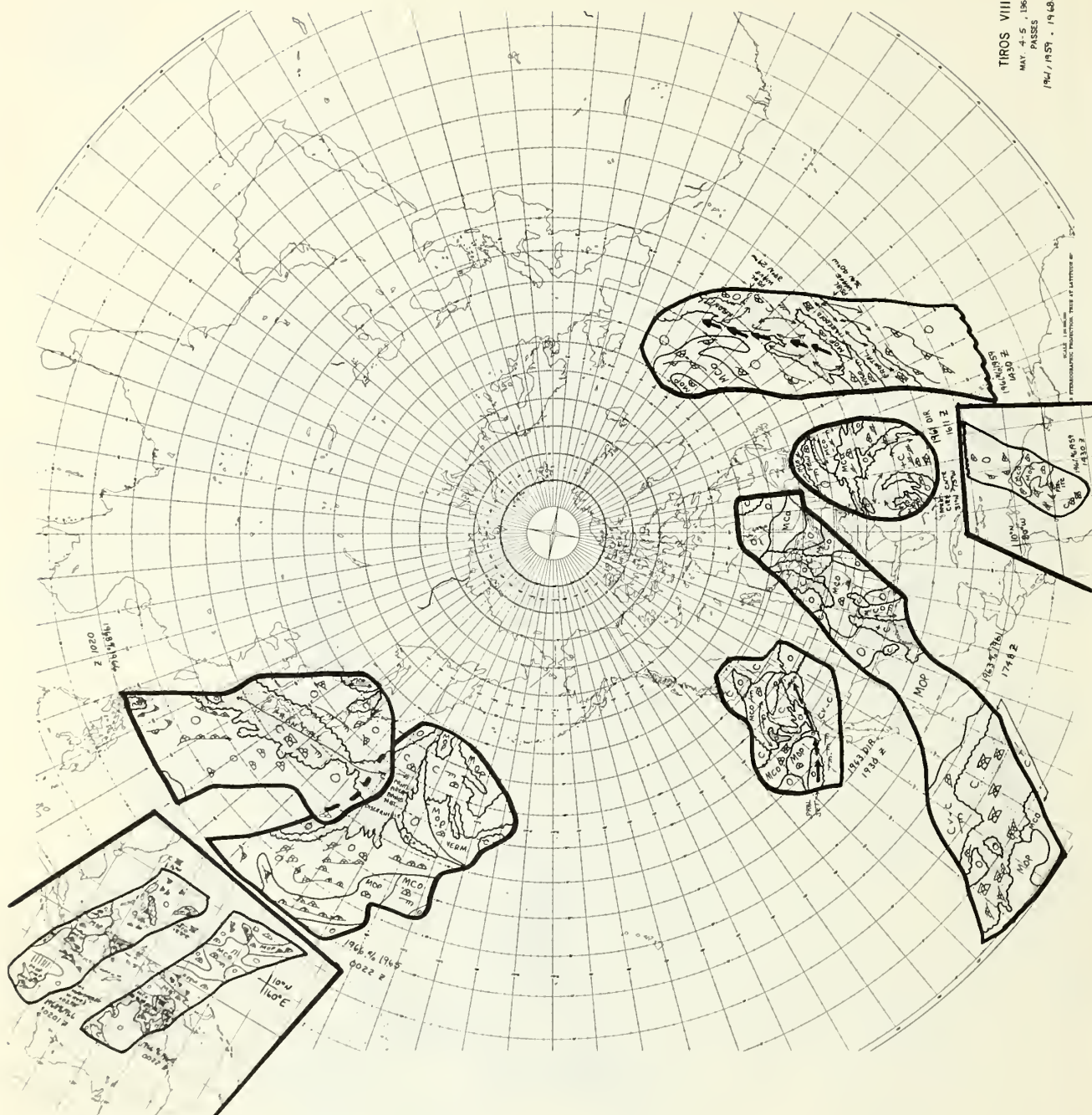
MAY 3-4 1964

PLACES

1947 1948 1954 1955



PASSE
1961, 1959. 1968/1966

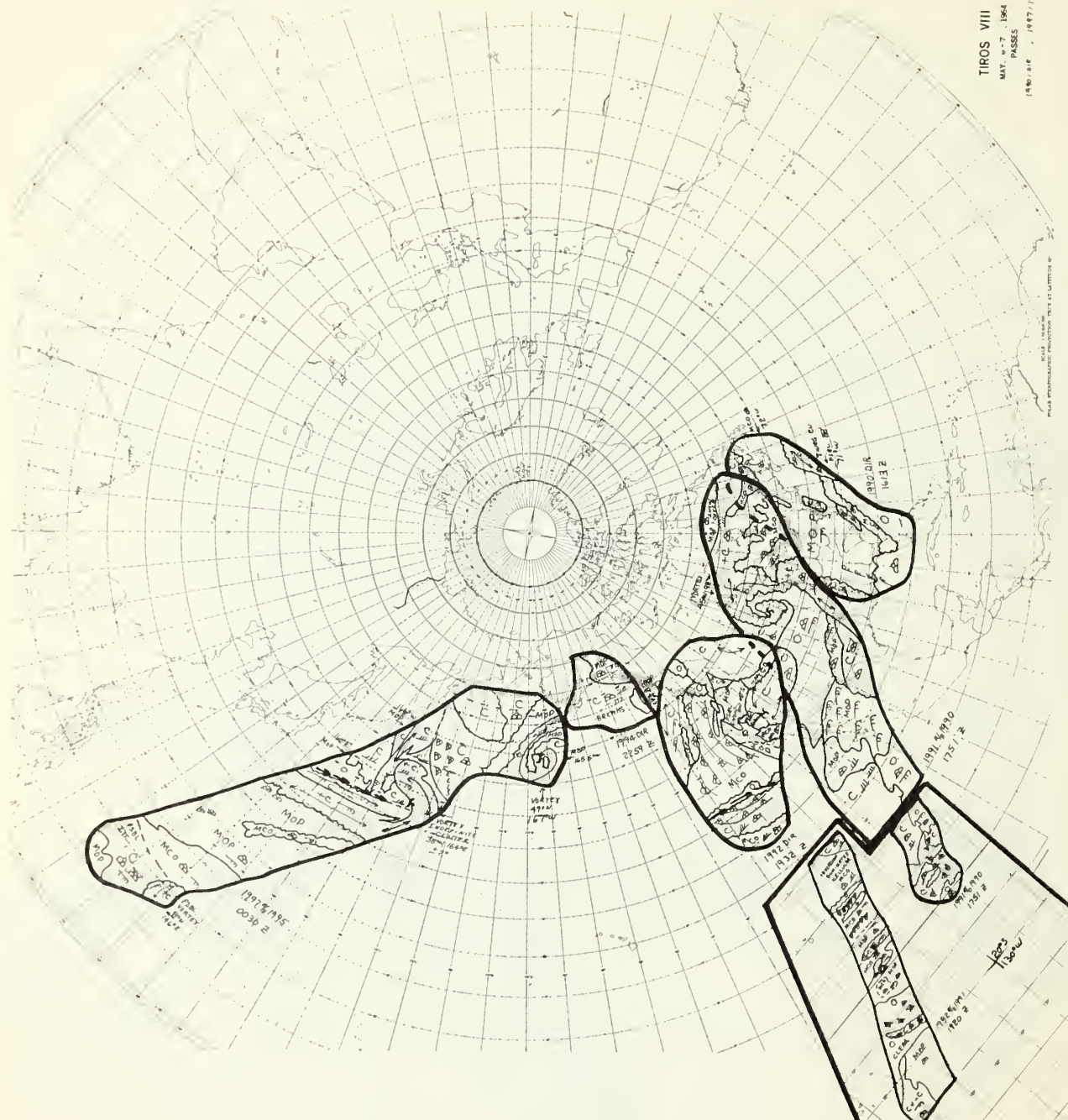


[illegible]

MAY. 5-6, 1964
PASSES

MAY. 3-6, 1964
PASSES
1975/1979 - 1983/1984

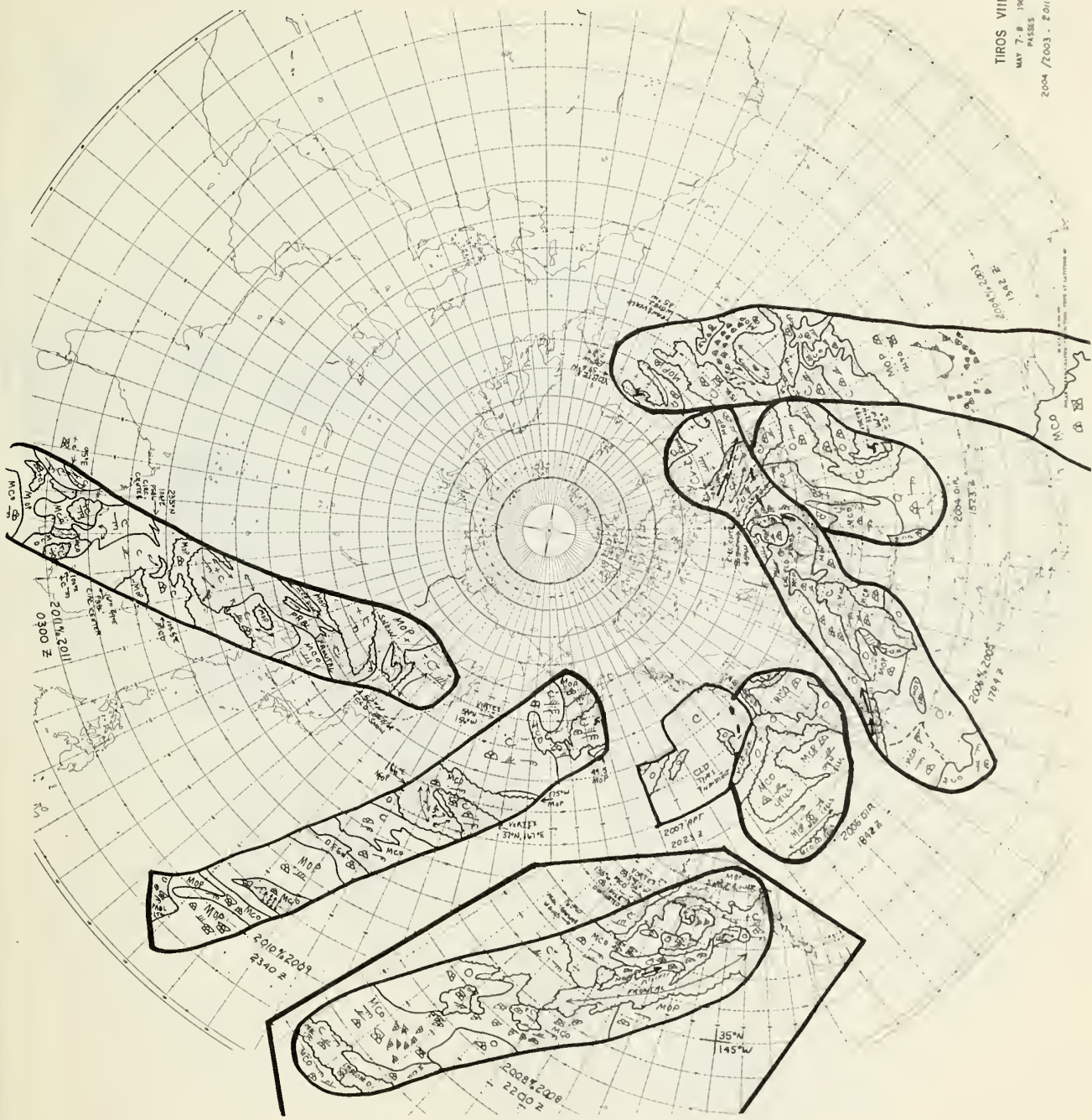
TIROS VIII
MAY. 10-17, 1964
PASSES
1990, 316, 1997, 1995

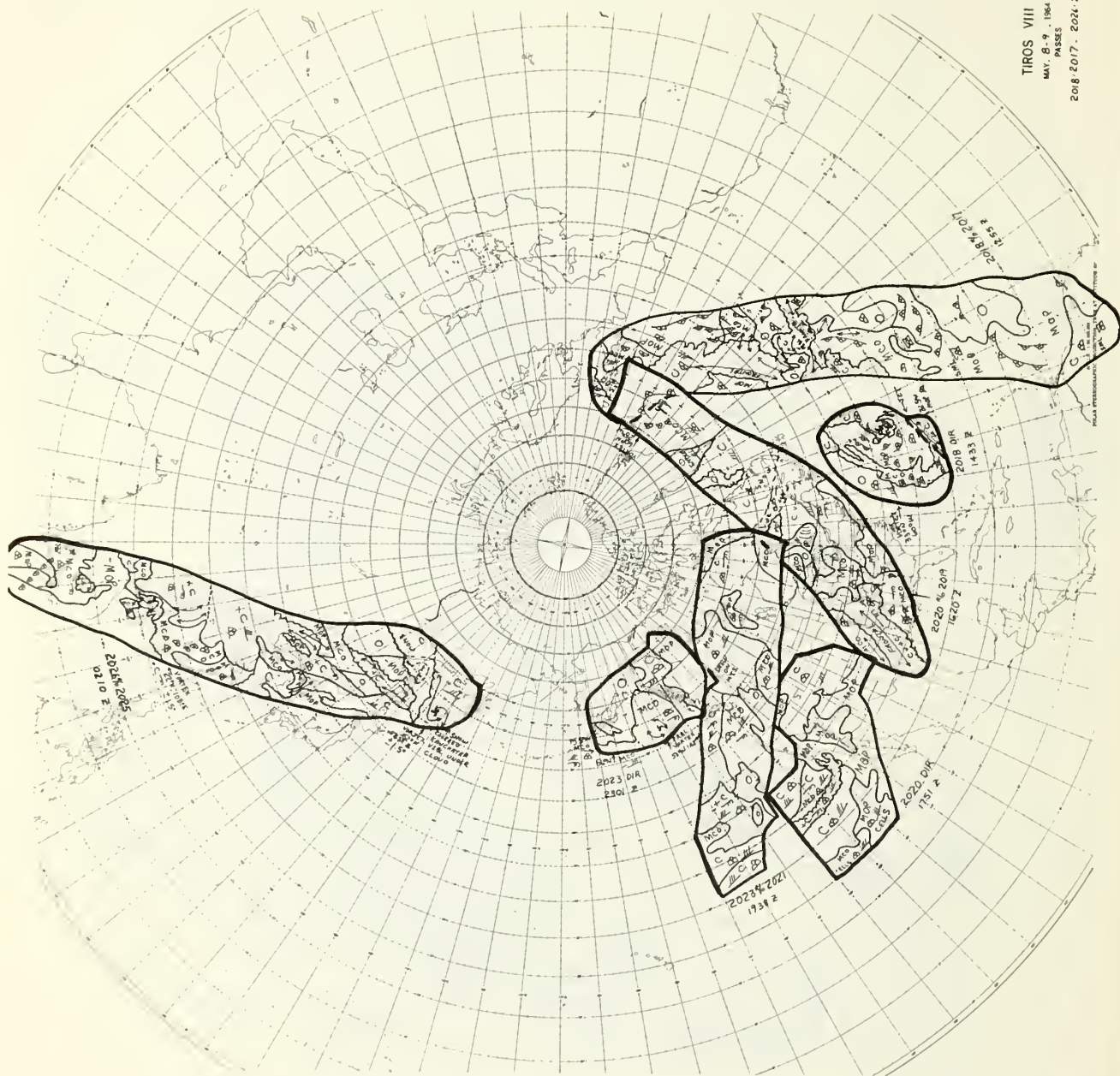


TIROS VIII

MAY 7-8 1964
PAGES 5

2004 / 2003 - 2011 / 2011





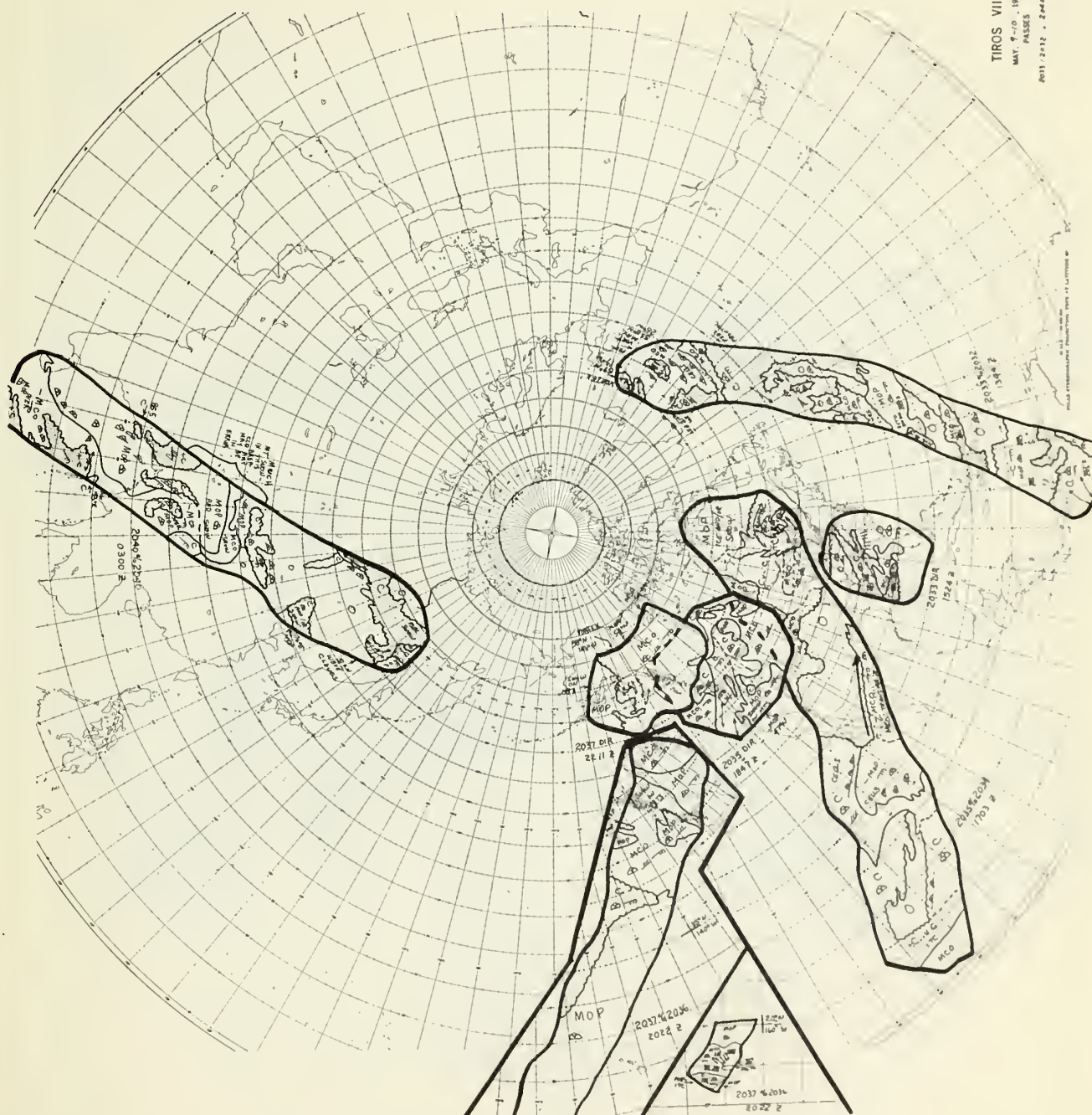
TIROS VIII

MAY 8 - 9, 1964

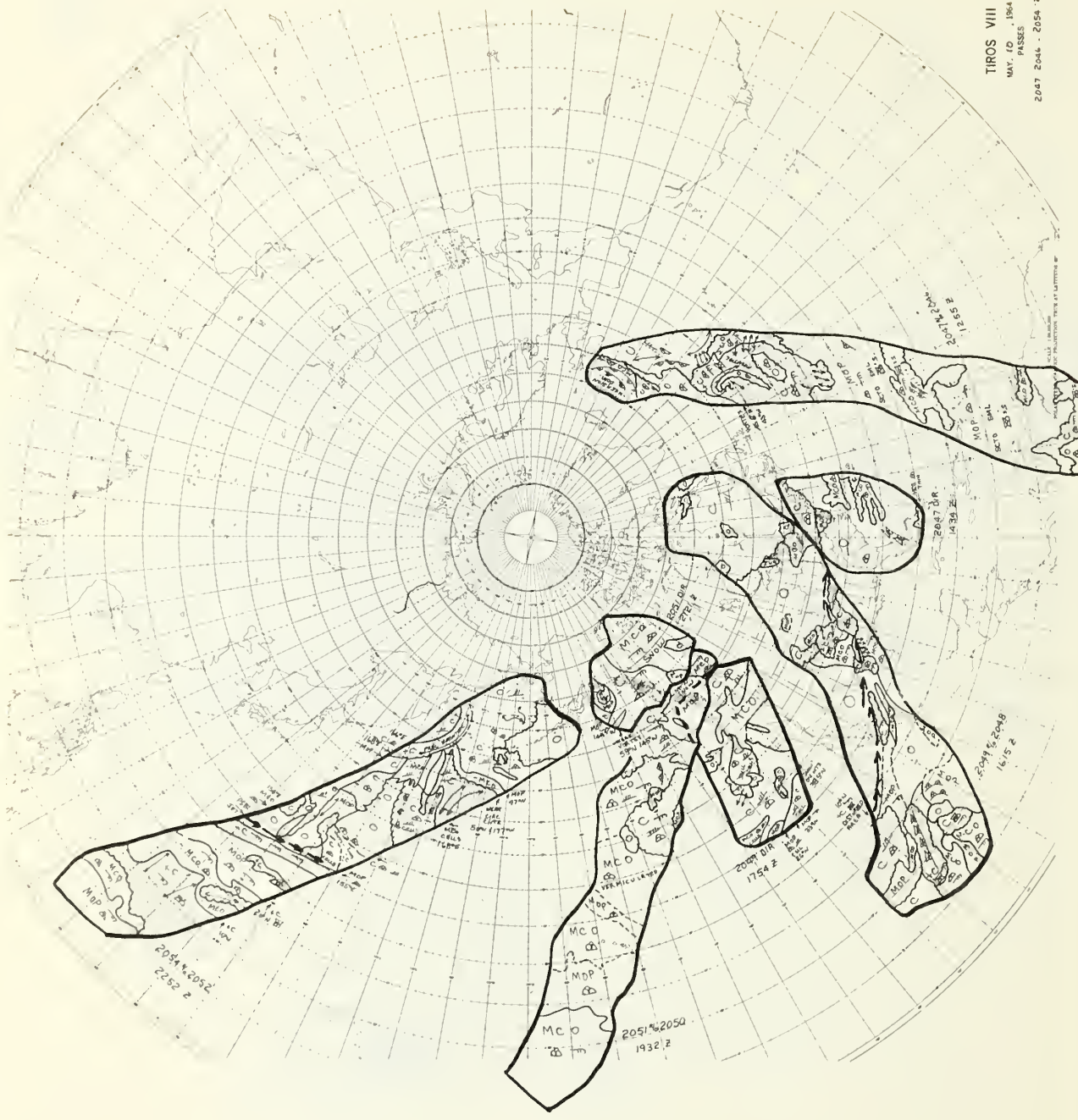
PASSES

2018/2017 - 2024/2025

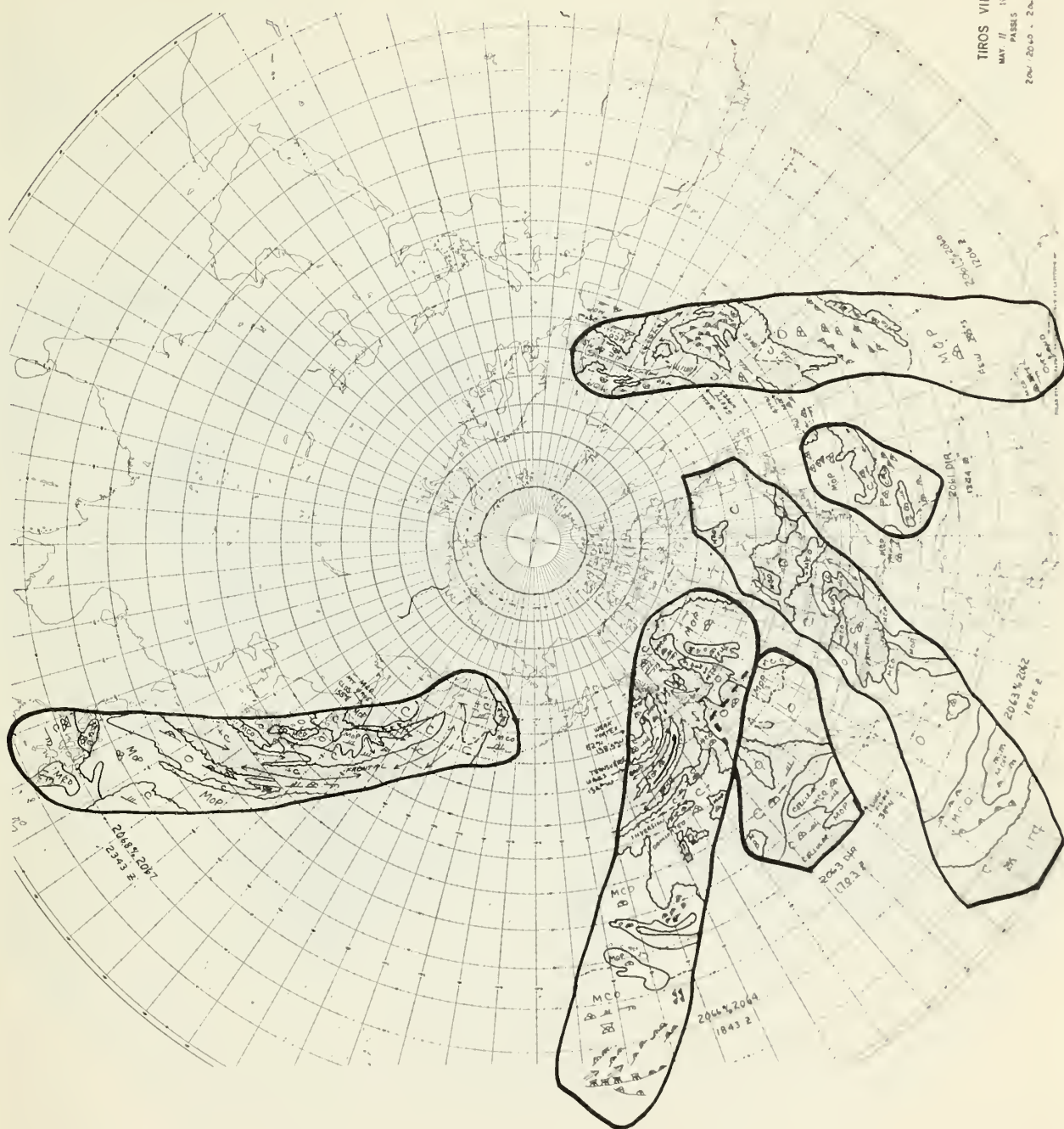
TIROS VIII
MAY 9-10, 1964
PAGES
2031, 2032, 2040, 2041

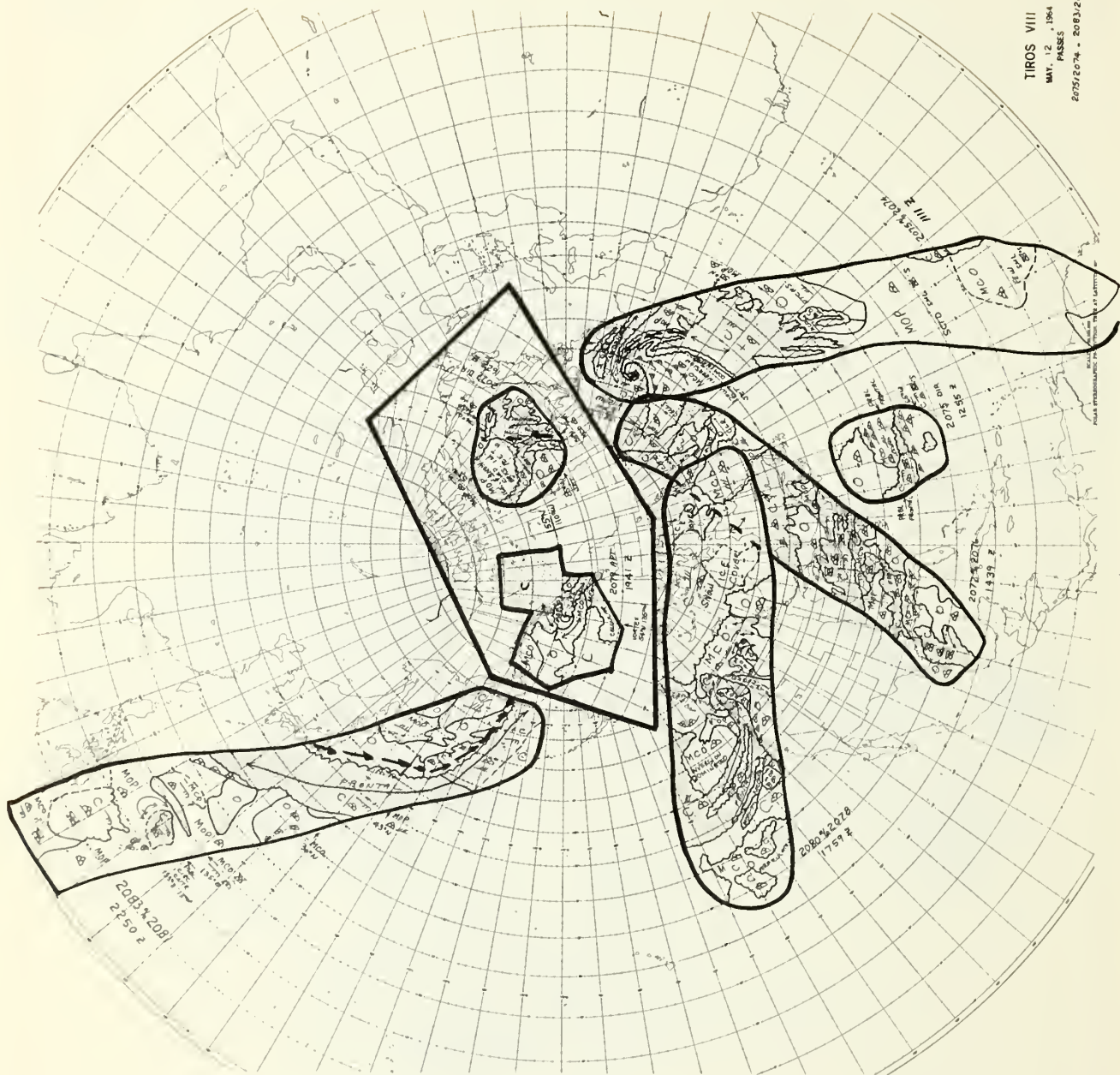


TIROS VIII
 MAY 10, 1964
 PASSES
 2047 2044 - 2054 2051



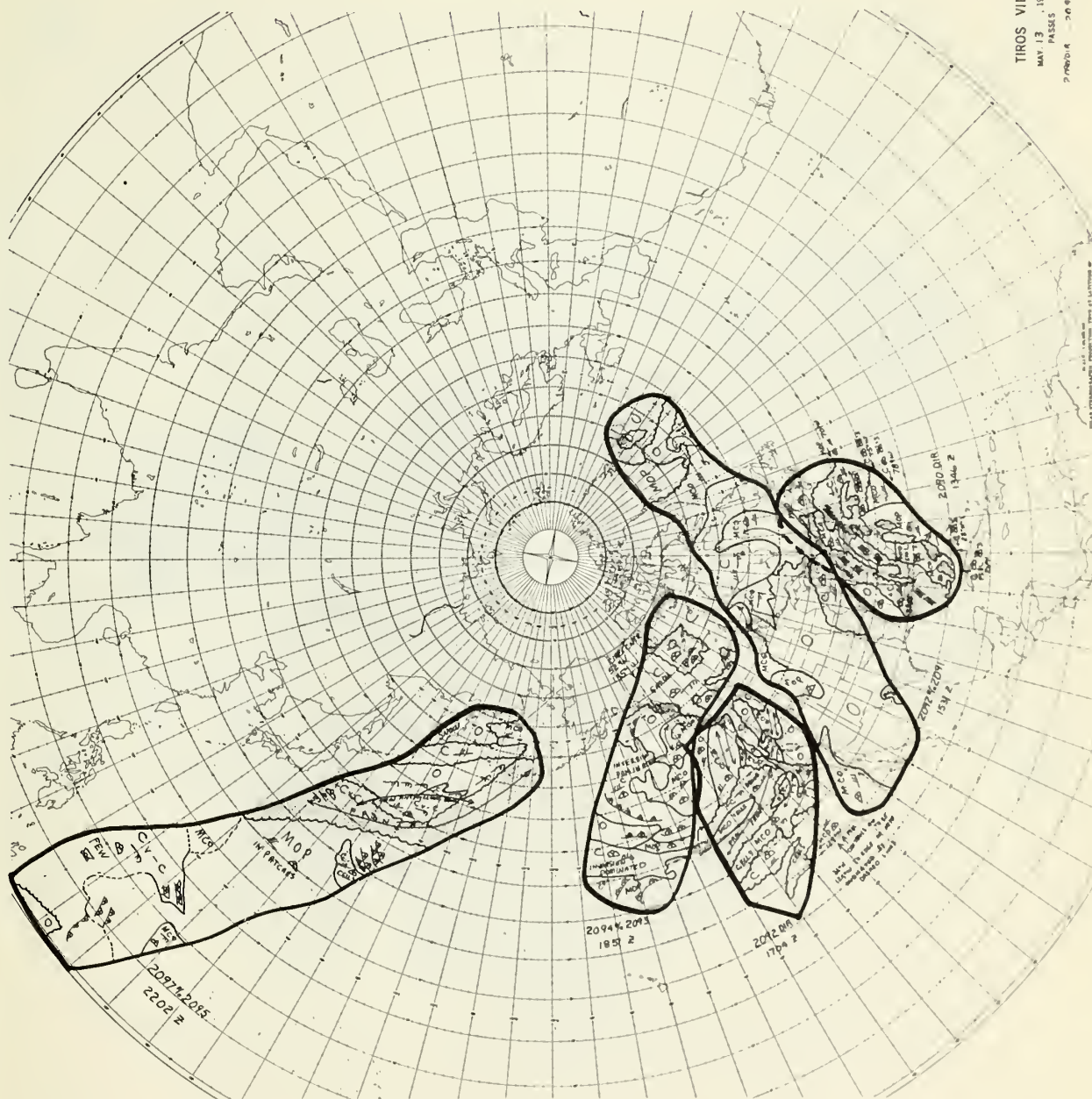
2001/2000 - 2001/2000



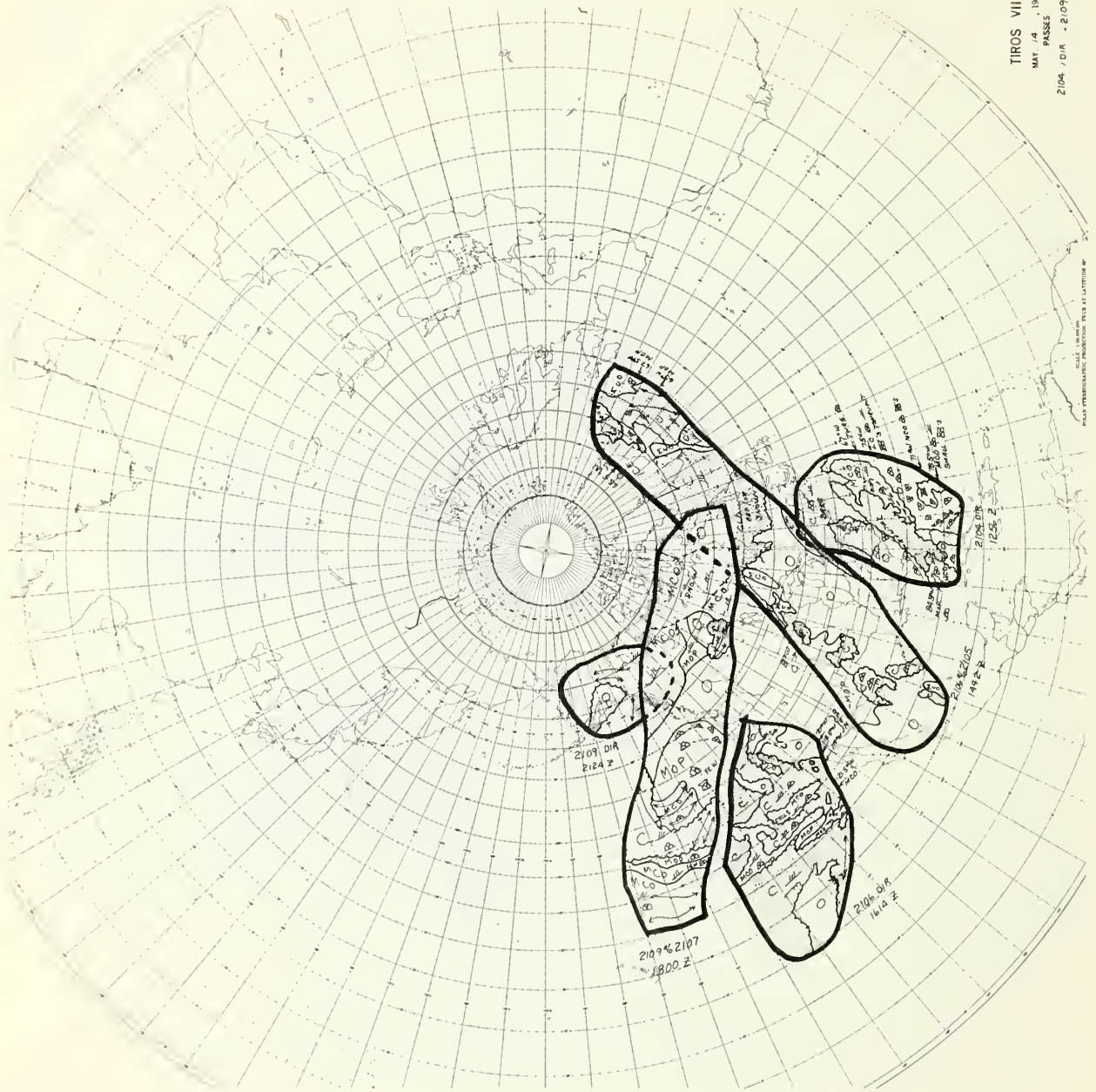


TIROS VIII
 MAY 12, 1964
 PASSES:
 2075/2074 - 2083/2081

TIROS VIII
MAY 13, 1964
PAGES
7/180/14 30 97/2045

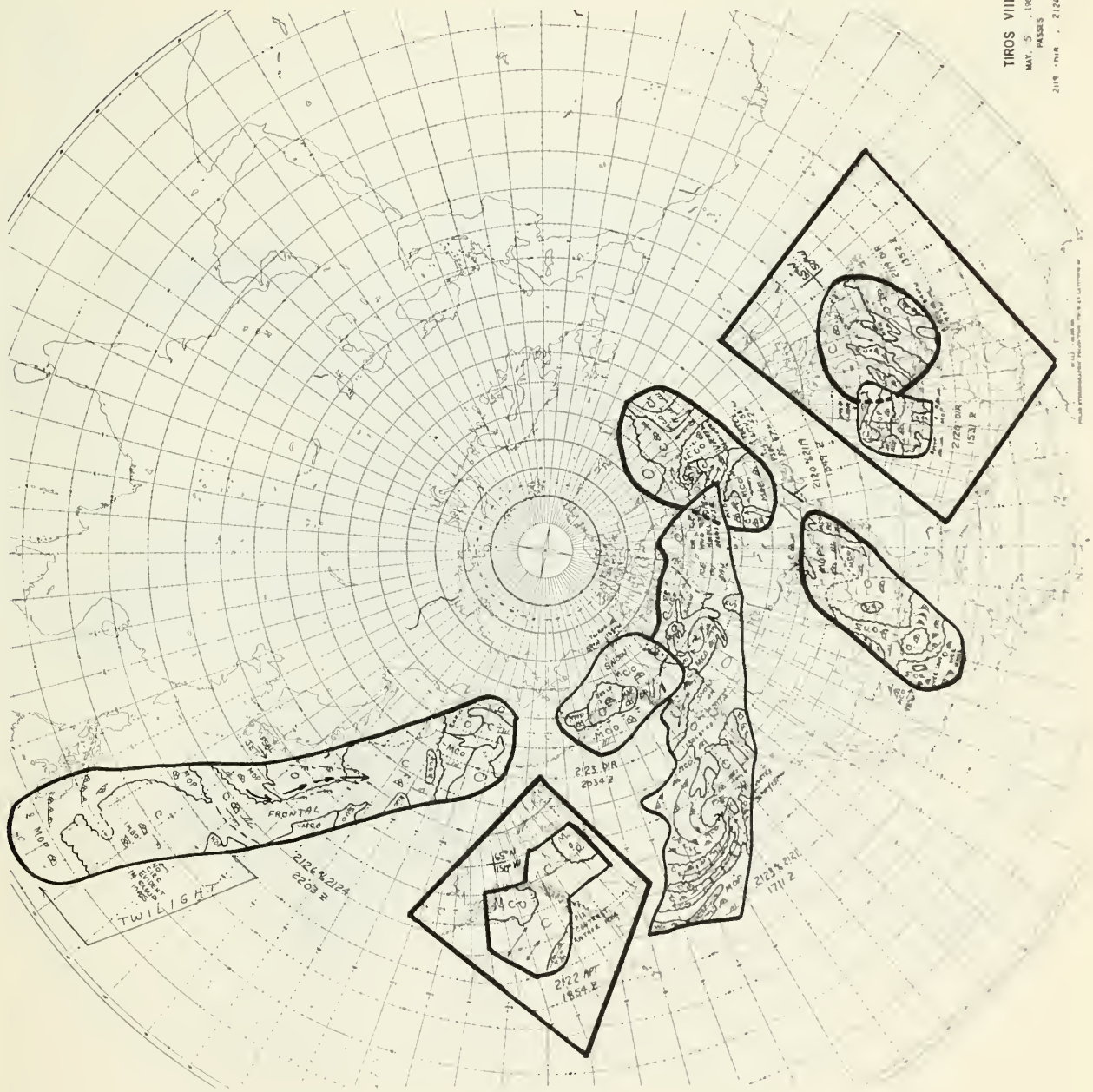


TIROS VIII
 MAY 14, 1964
 PASSES
 2104 / D/R - 2109 / D/R

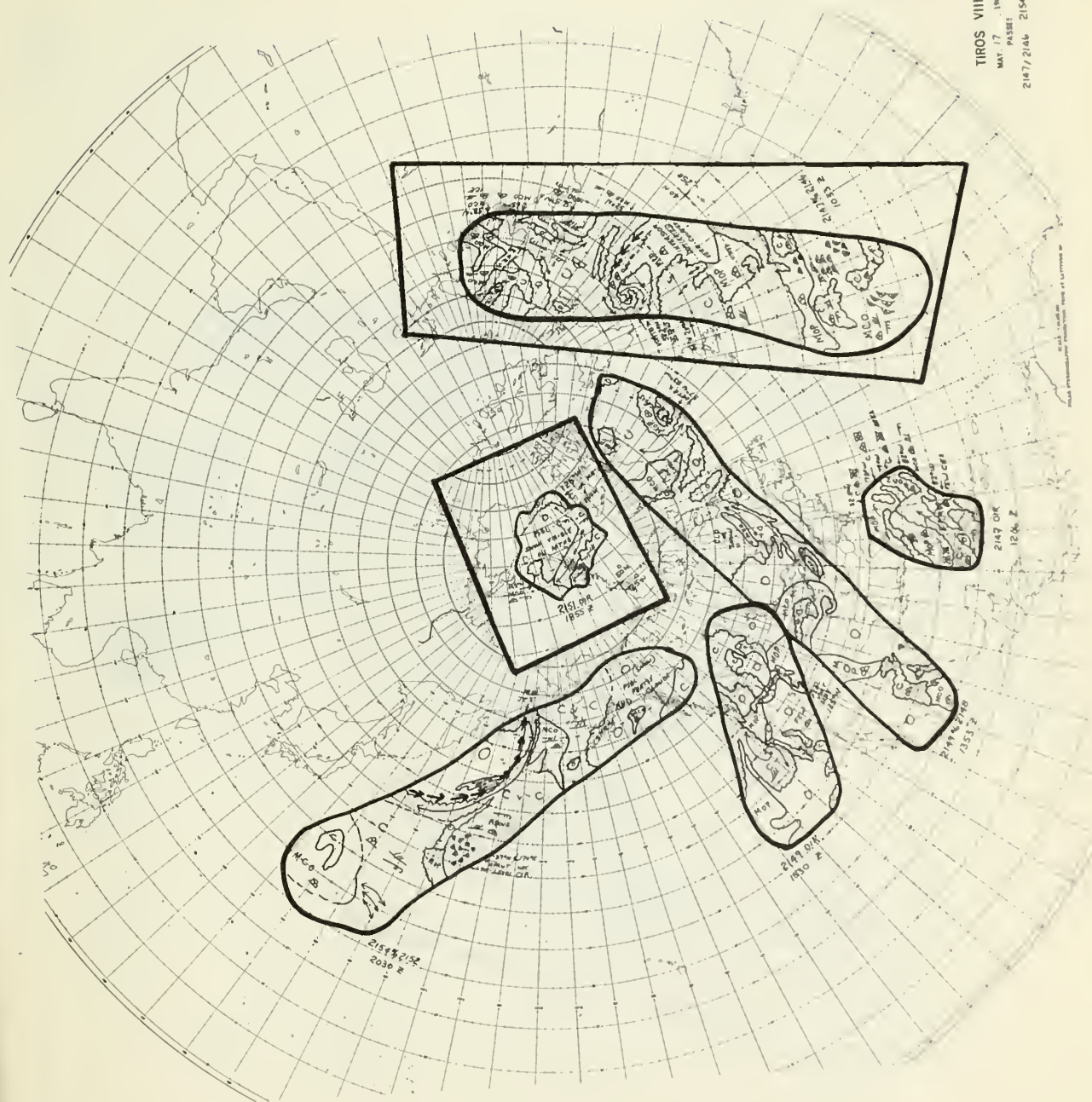


SCALE 1:100,000
 POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 40°

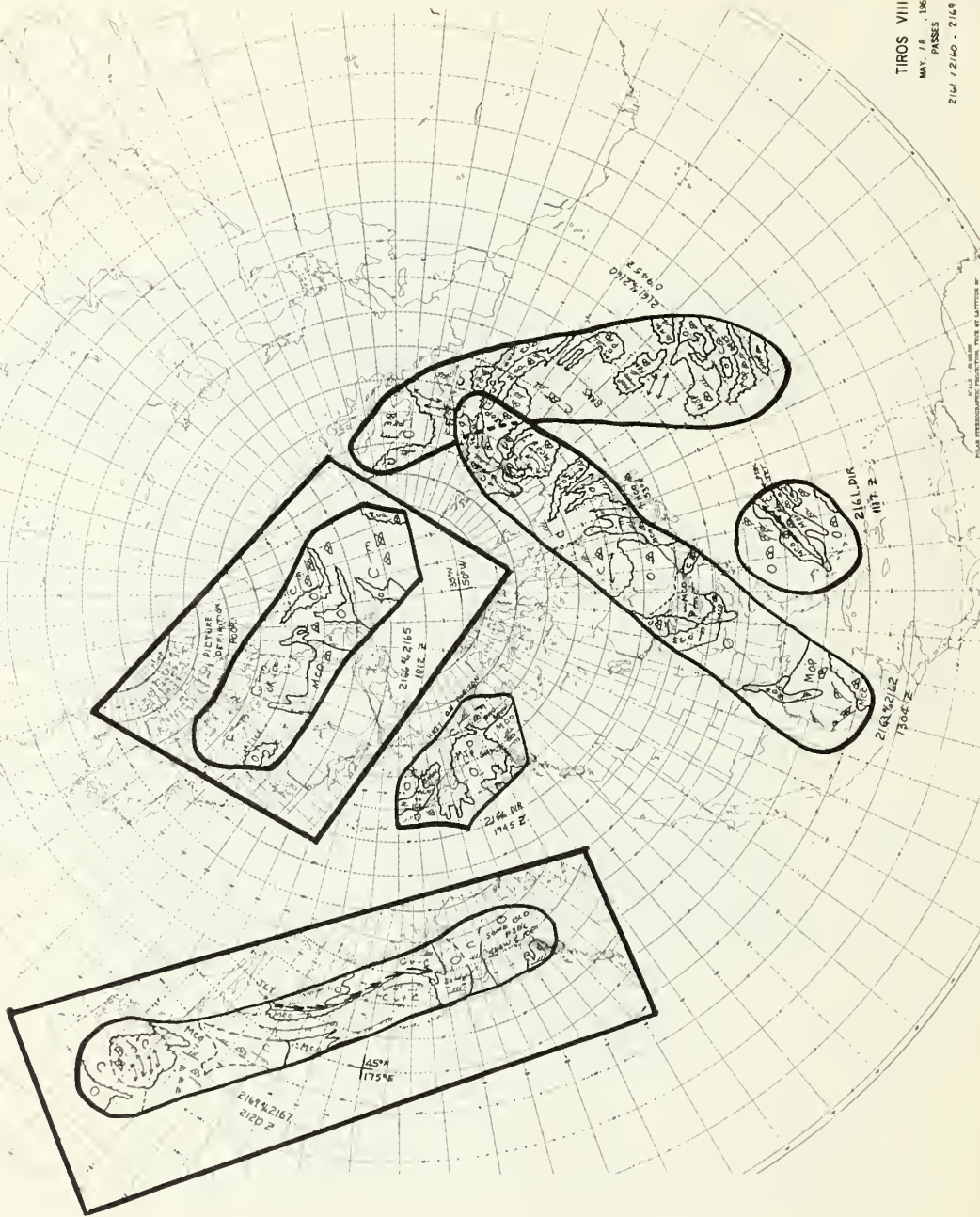
TIROS VIII
 MAY 15, 1964
 PAGES
 218 - 219 - 2124 - 2124



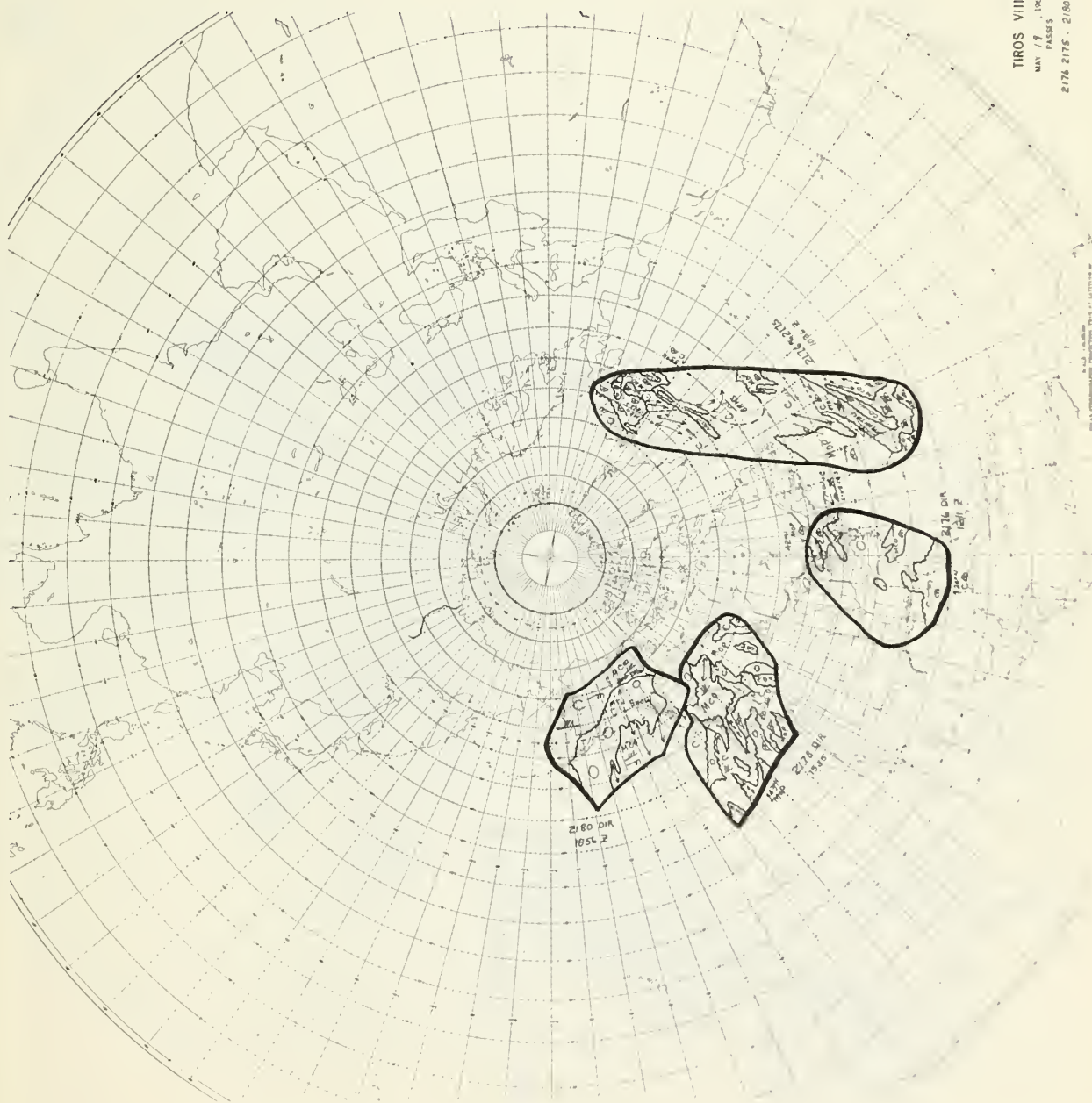
RECEIVED BY THE SECRETARY OF THE ARMY
JAN 10 1968

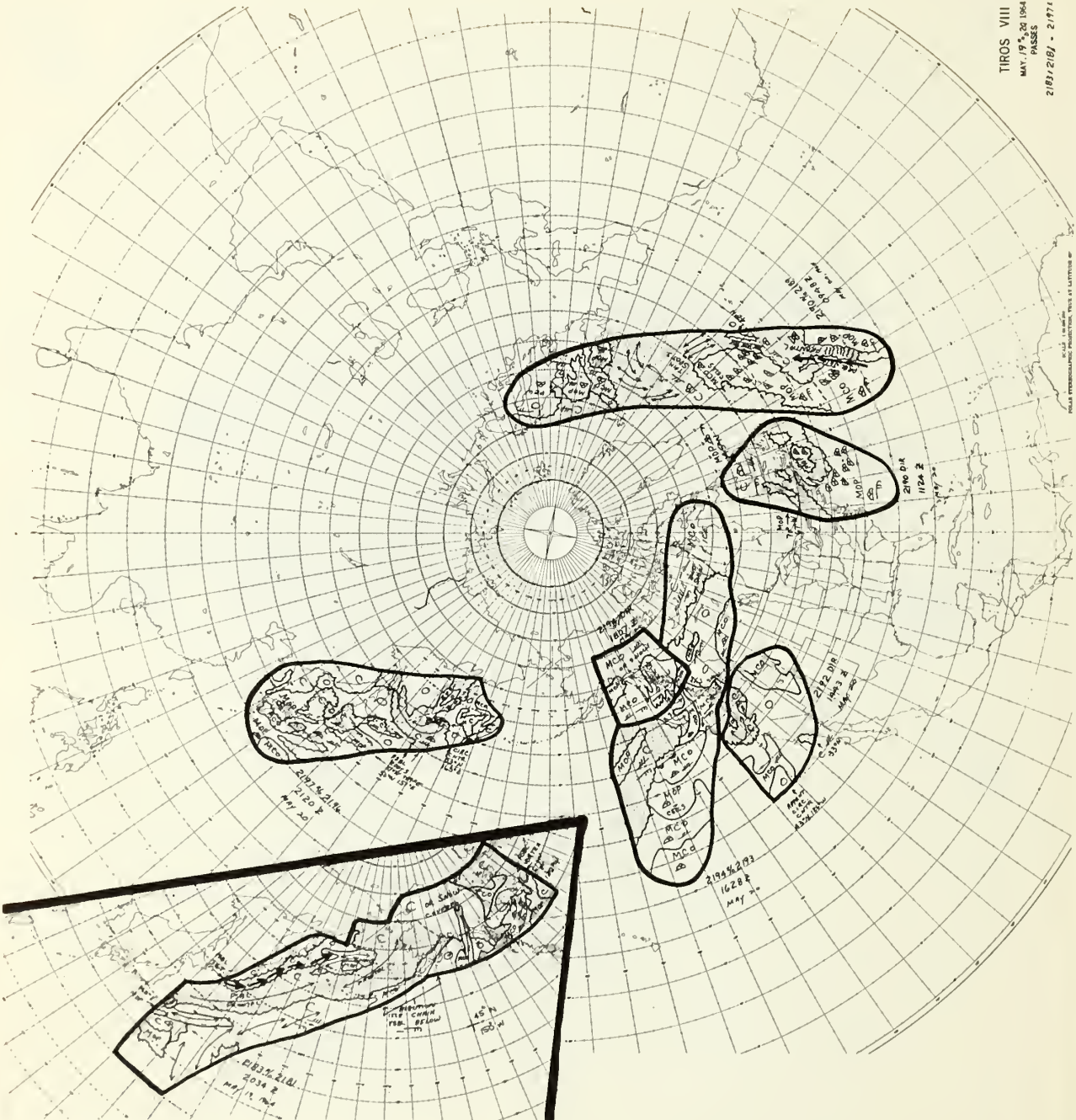


TIROS VIII
MAY. 18, 1964
PASSES
2161/2160 - 2169/2167



TIROS VIII
 MAY 19 1964
 PAGES
 2176 2175 - 2180 D.R



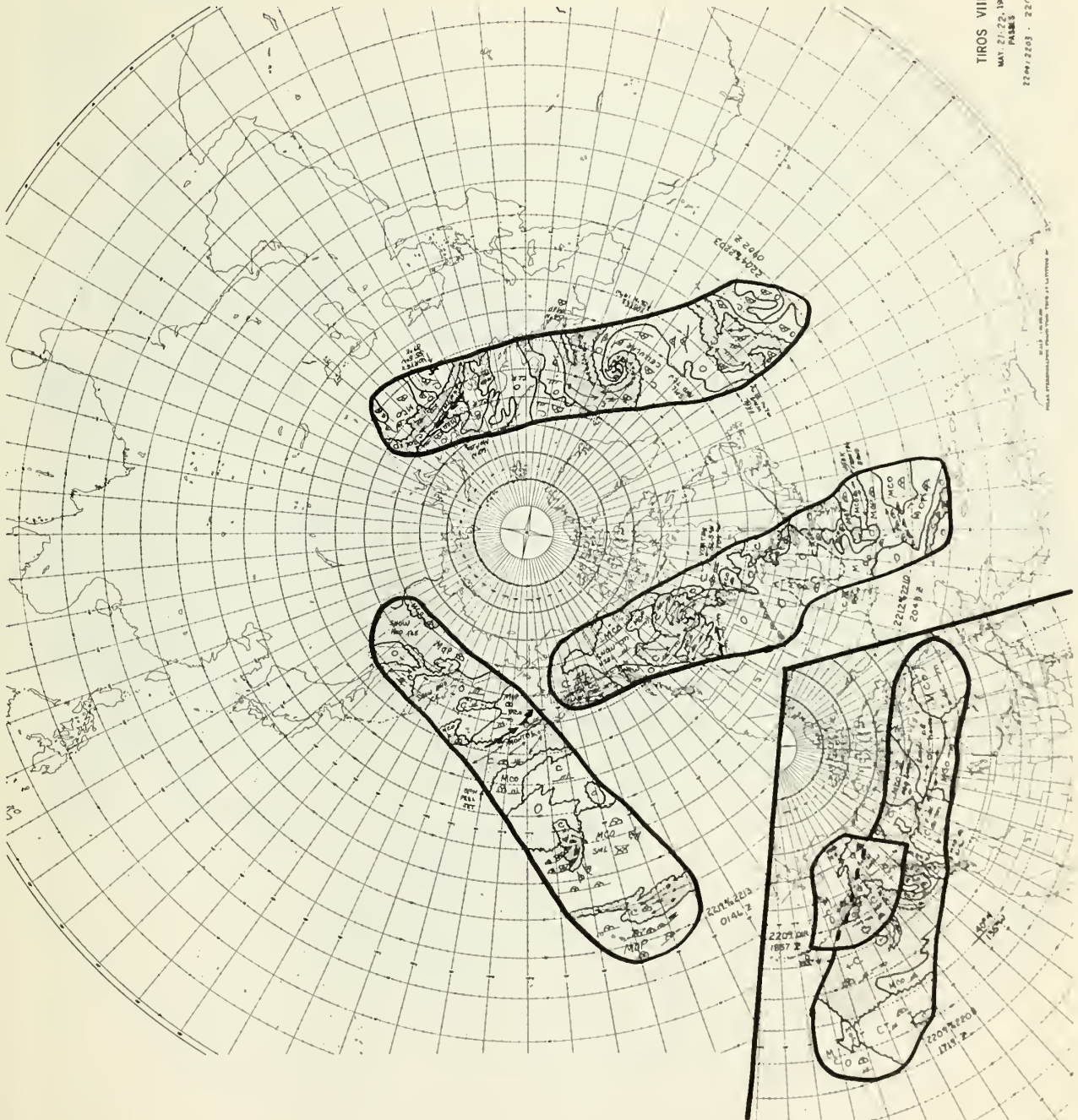


TIROS VIII

MAY 21/22, 1964

PAGES 5

2204/2203 - 2201/2213



TIROS VIII
 MAY 22 1964
 2219/DIR 2226/DIR

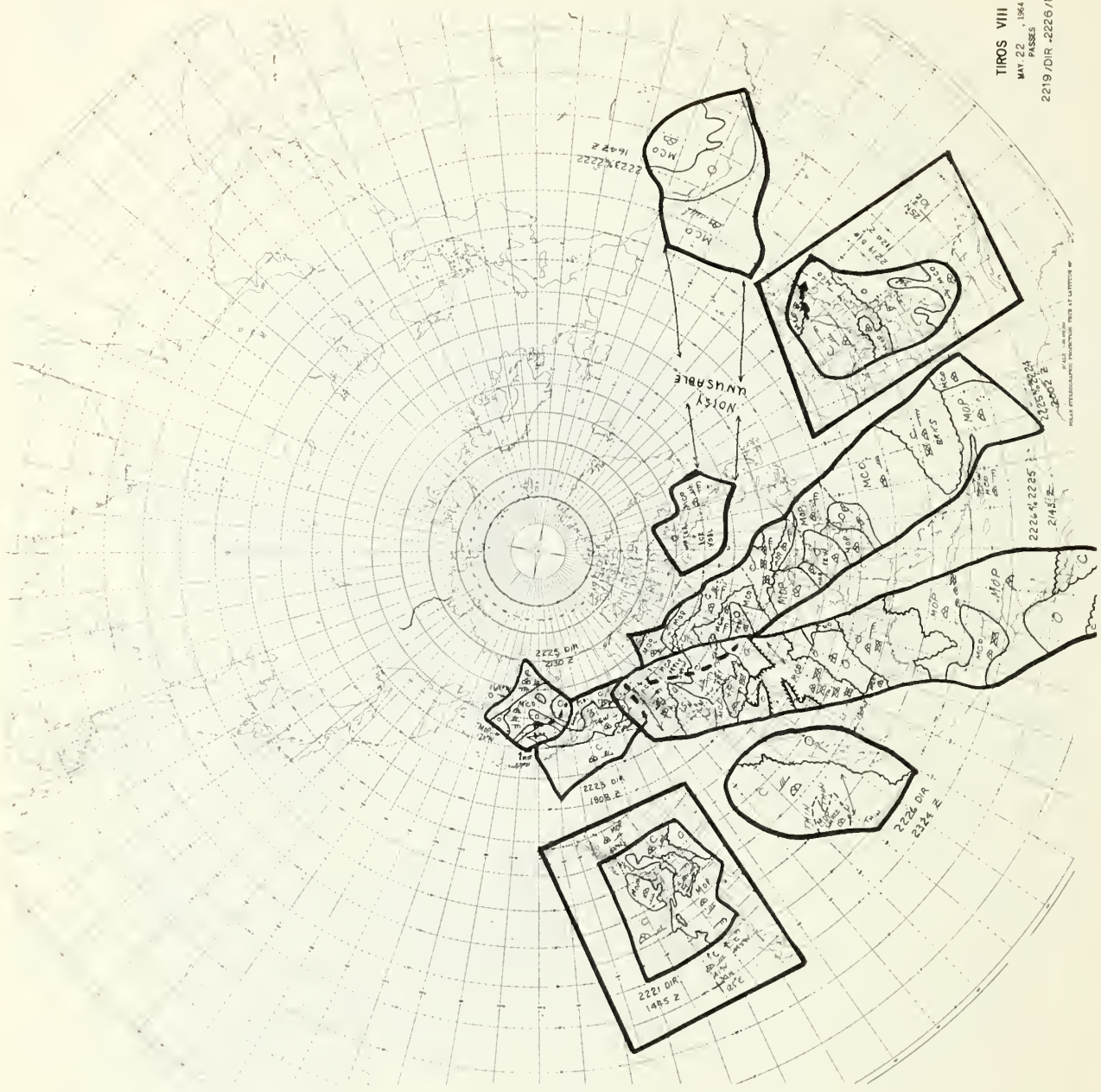
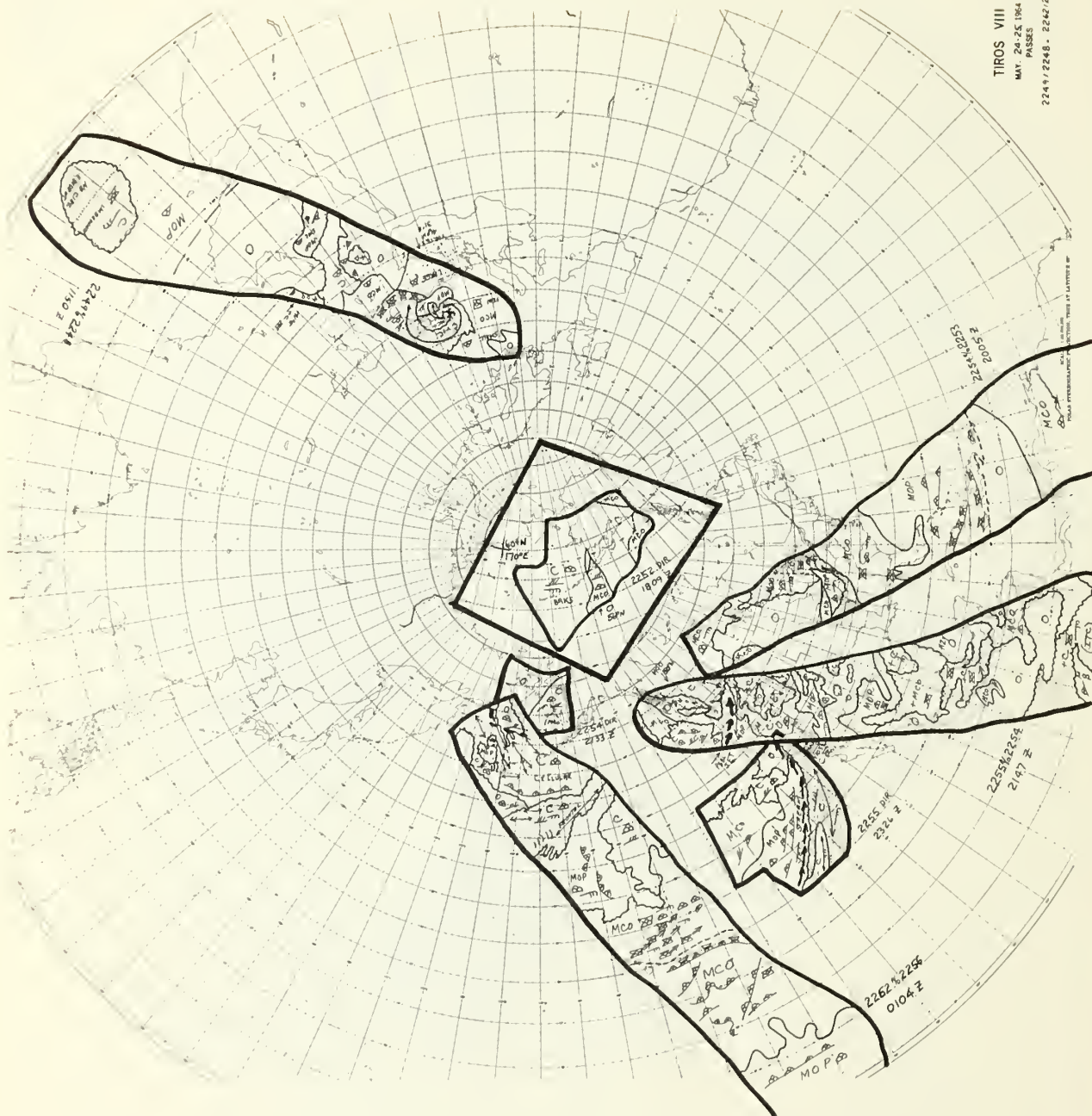


PLATE PHOTOGRAPHIC PRINTED BY THE AIR FORCE

USE A "CONCRETE" IS
ACCORDING TO THE LATTER OF

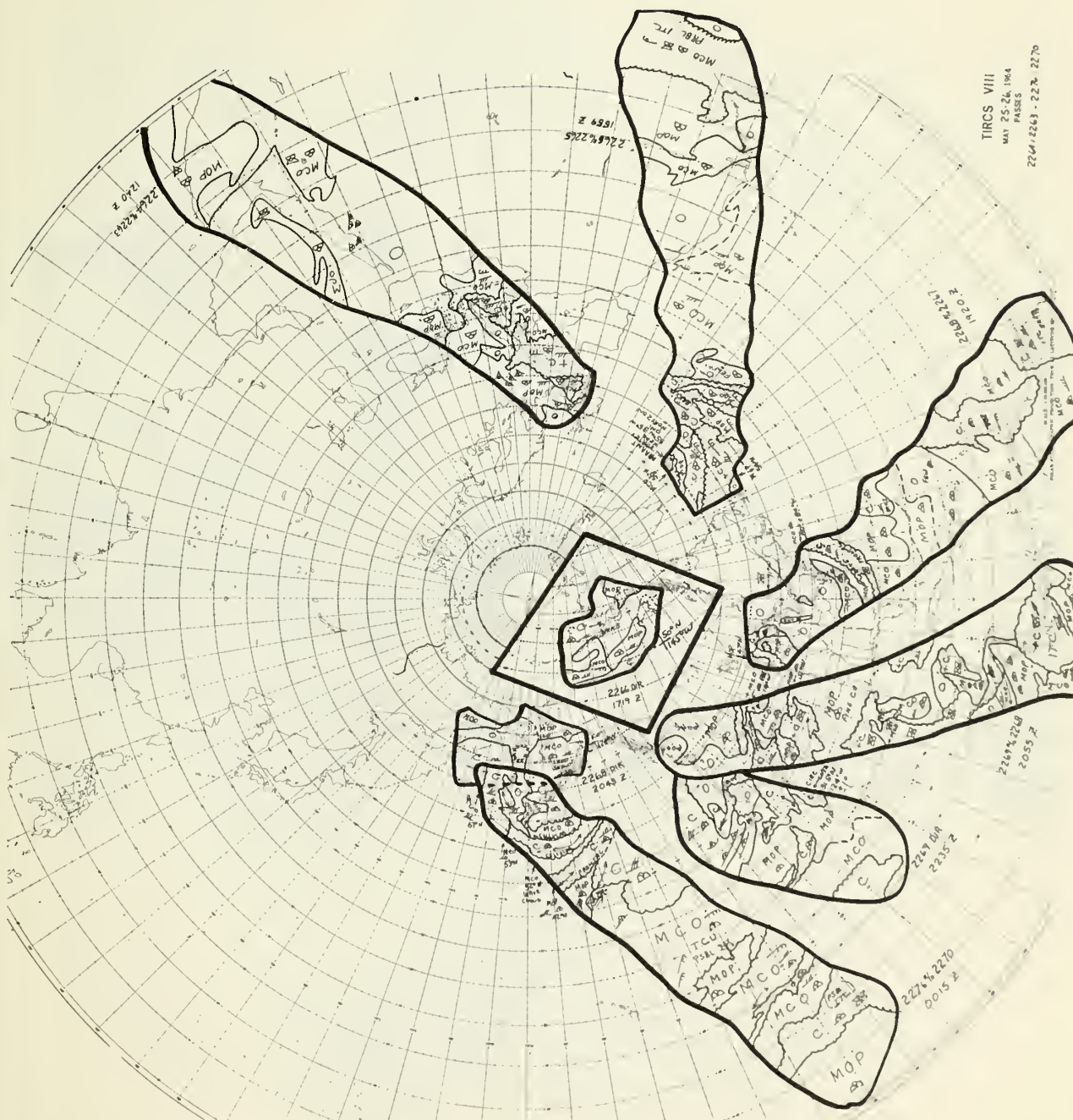


TIRCS VIII

MAY 25-26, 1964

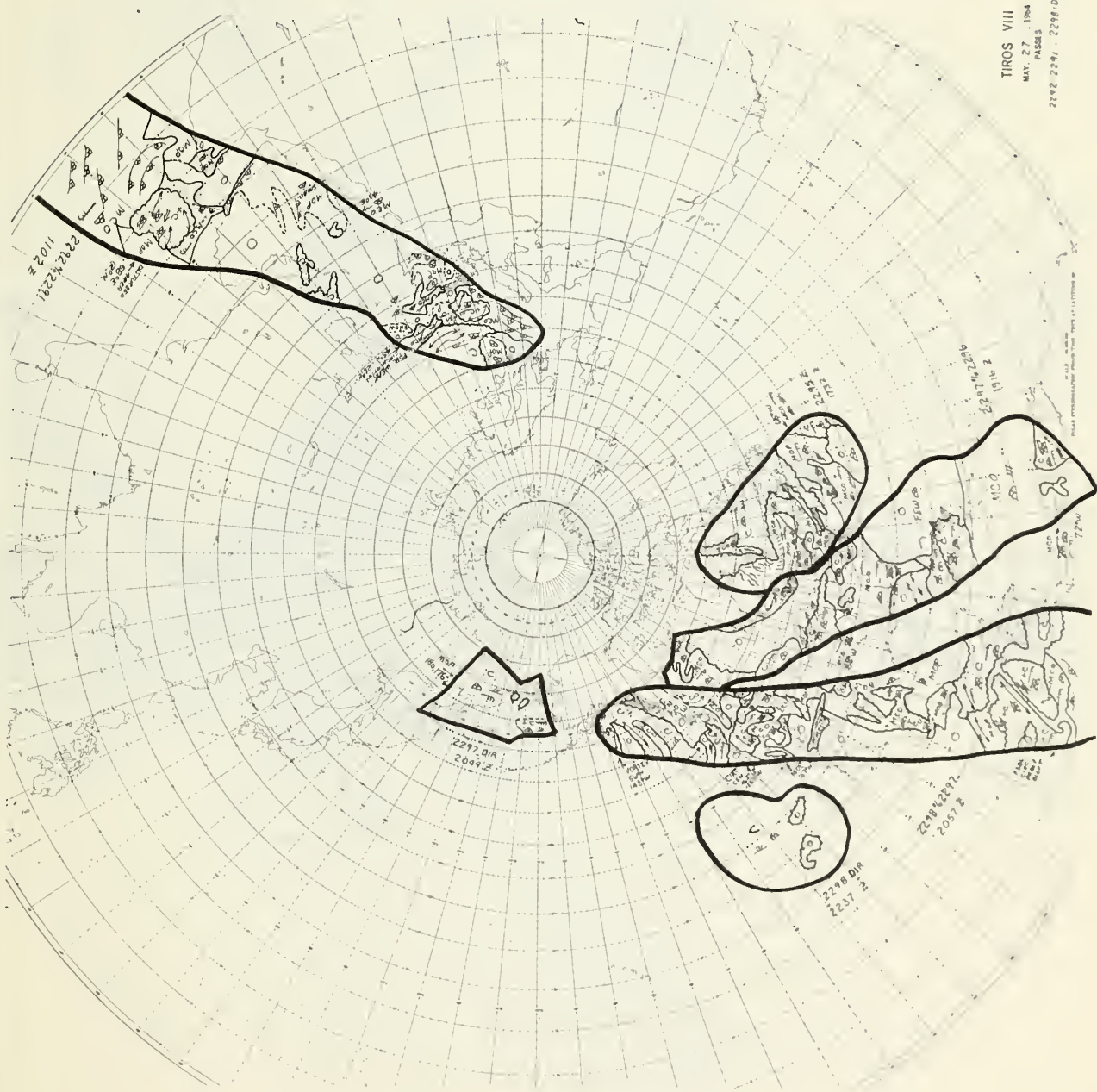
PAGES

2264-2263 - 2270 - 2270



TIROS VIII
MAY 27, 1964
PASS 5

2292-2291 - 2296 DIA

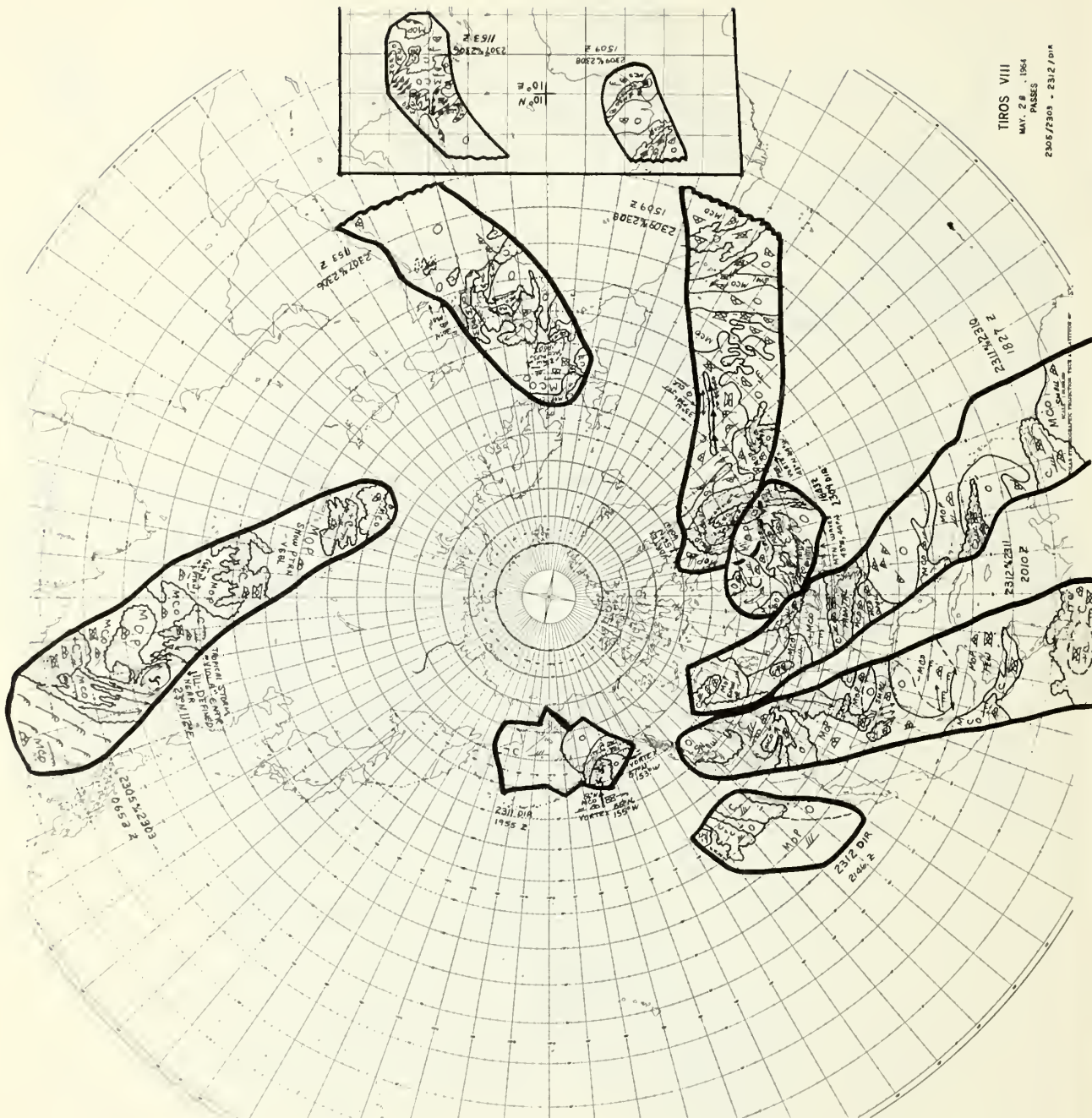


TIROS VIII

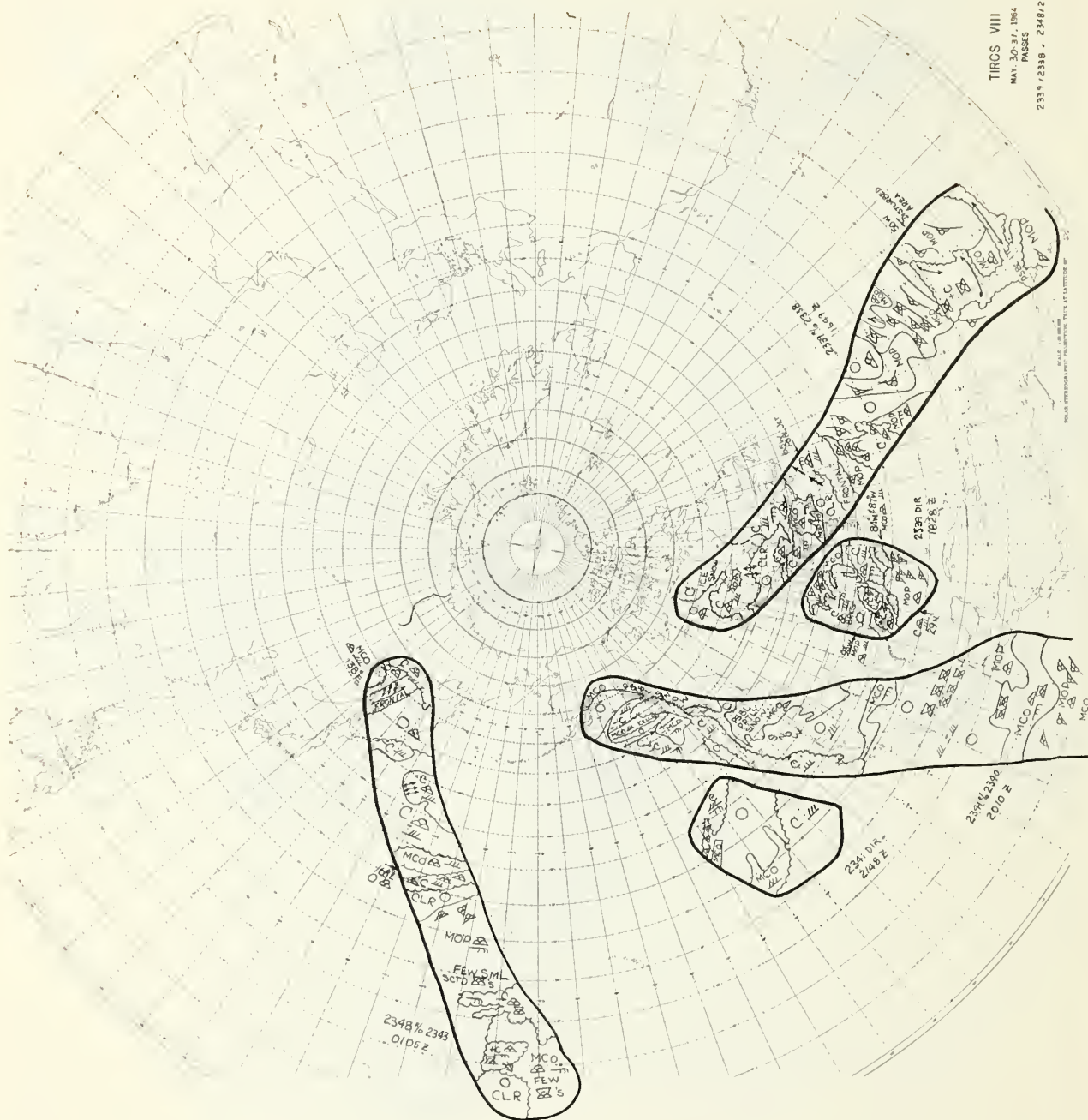
MAY 28 1964

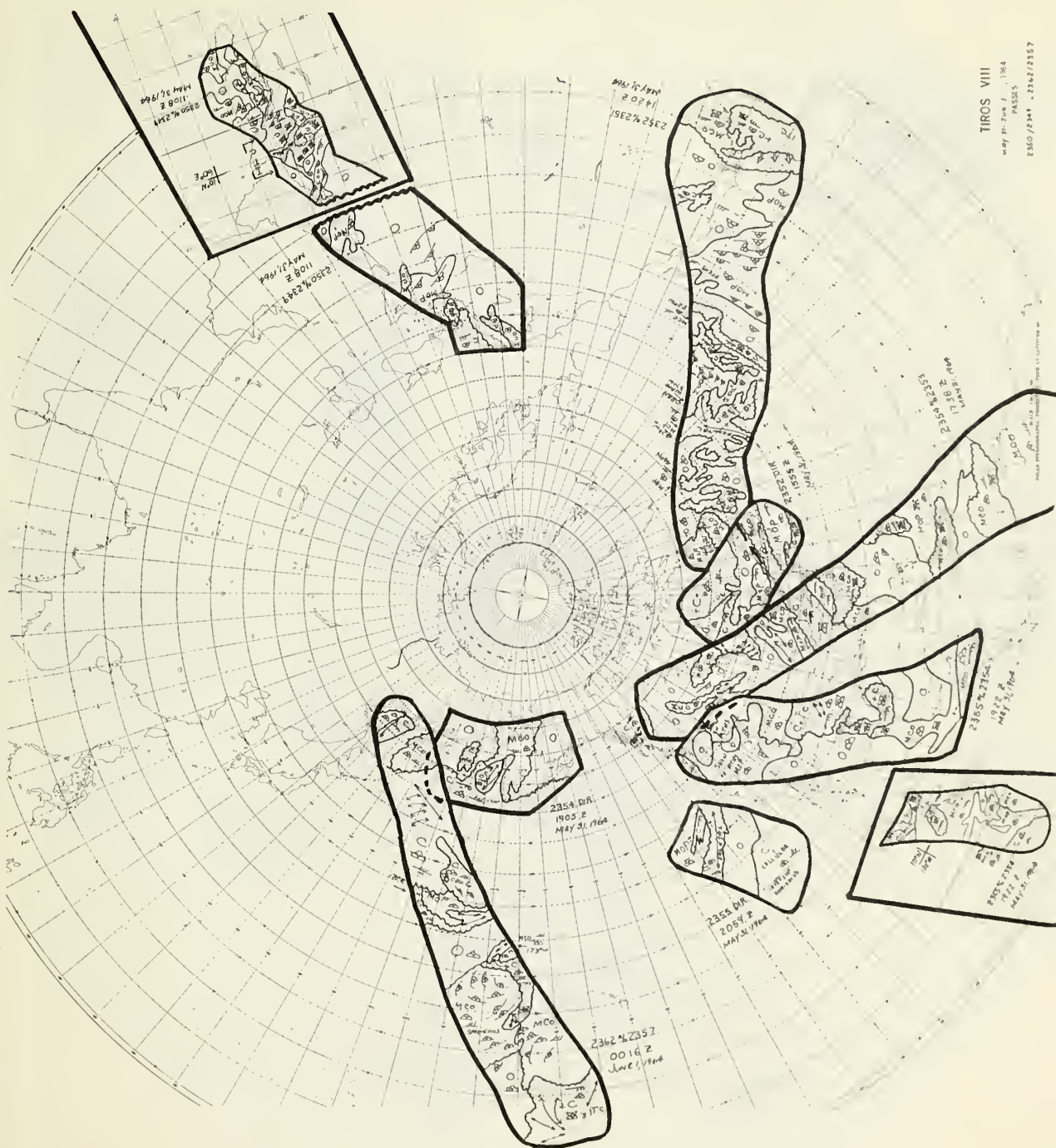
PAGES

2305/2309 - 2312/DIA



2339/2338. 2348/2343





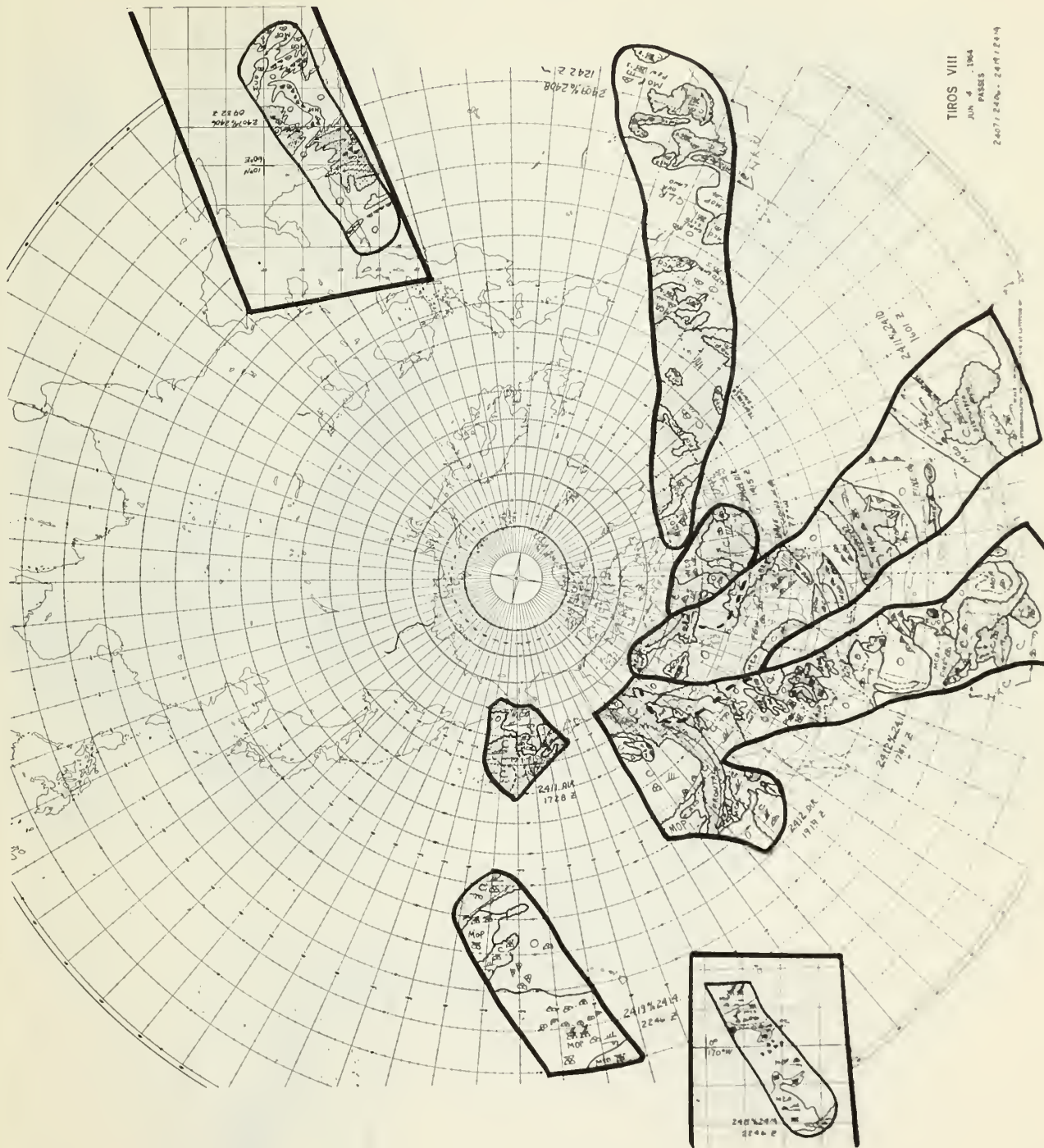
TIROS VIII

May 11, June 1, 1964

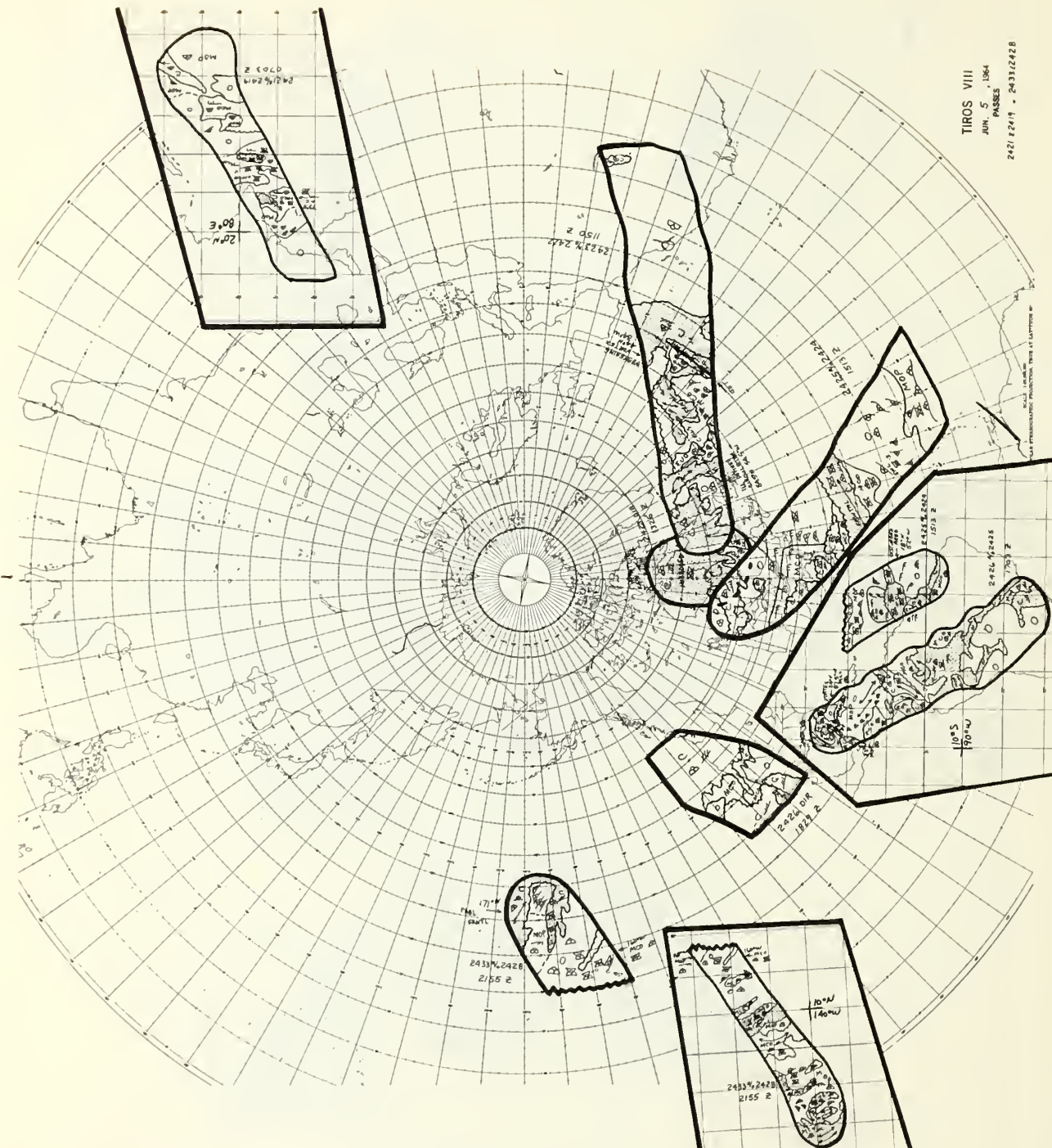
PASSIV

2350/2349 .2362/2357

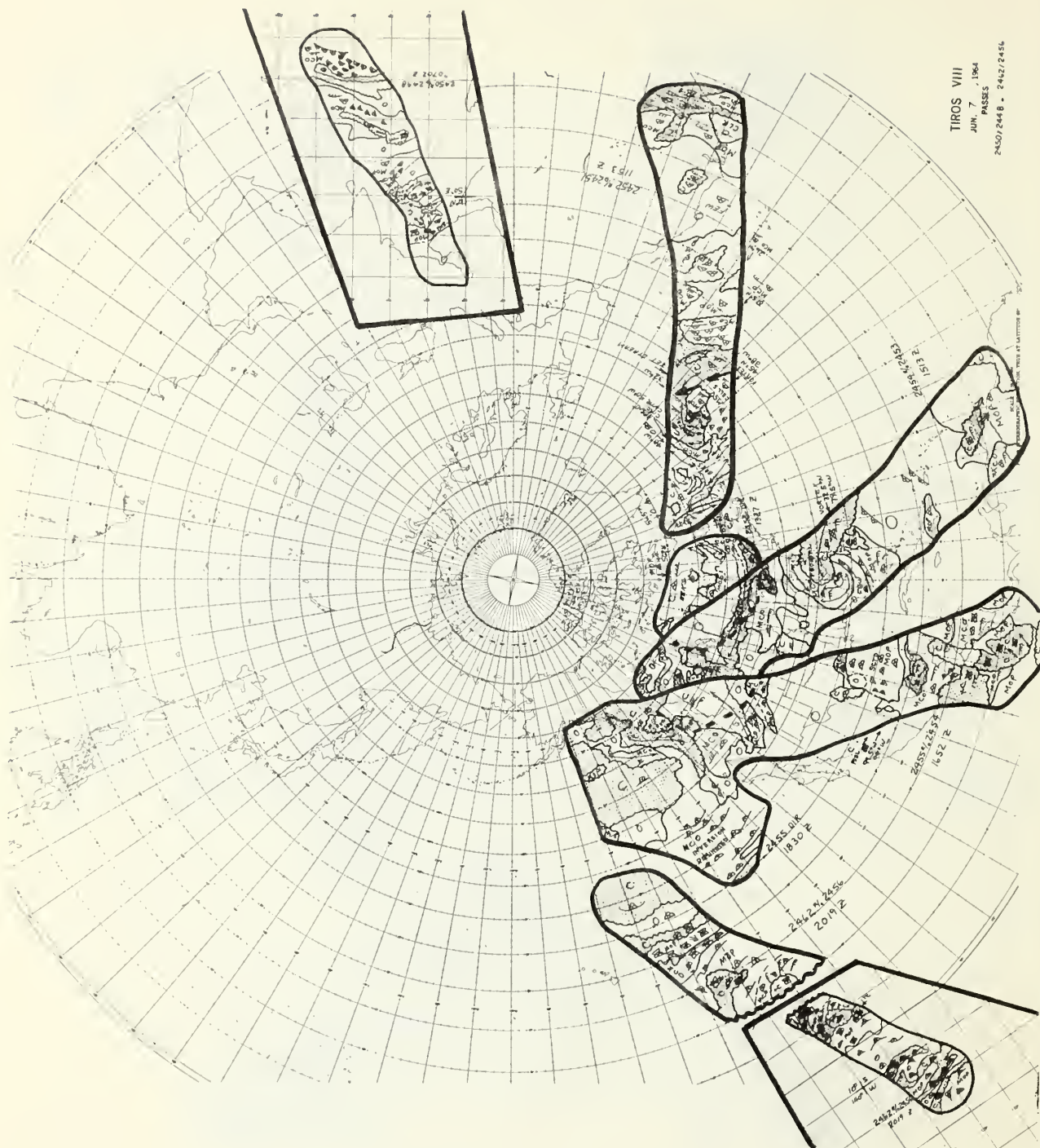
TIROS VIII
JUN 4 1964
PAGES
2407, 2408, 2409, 2410

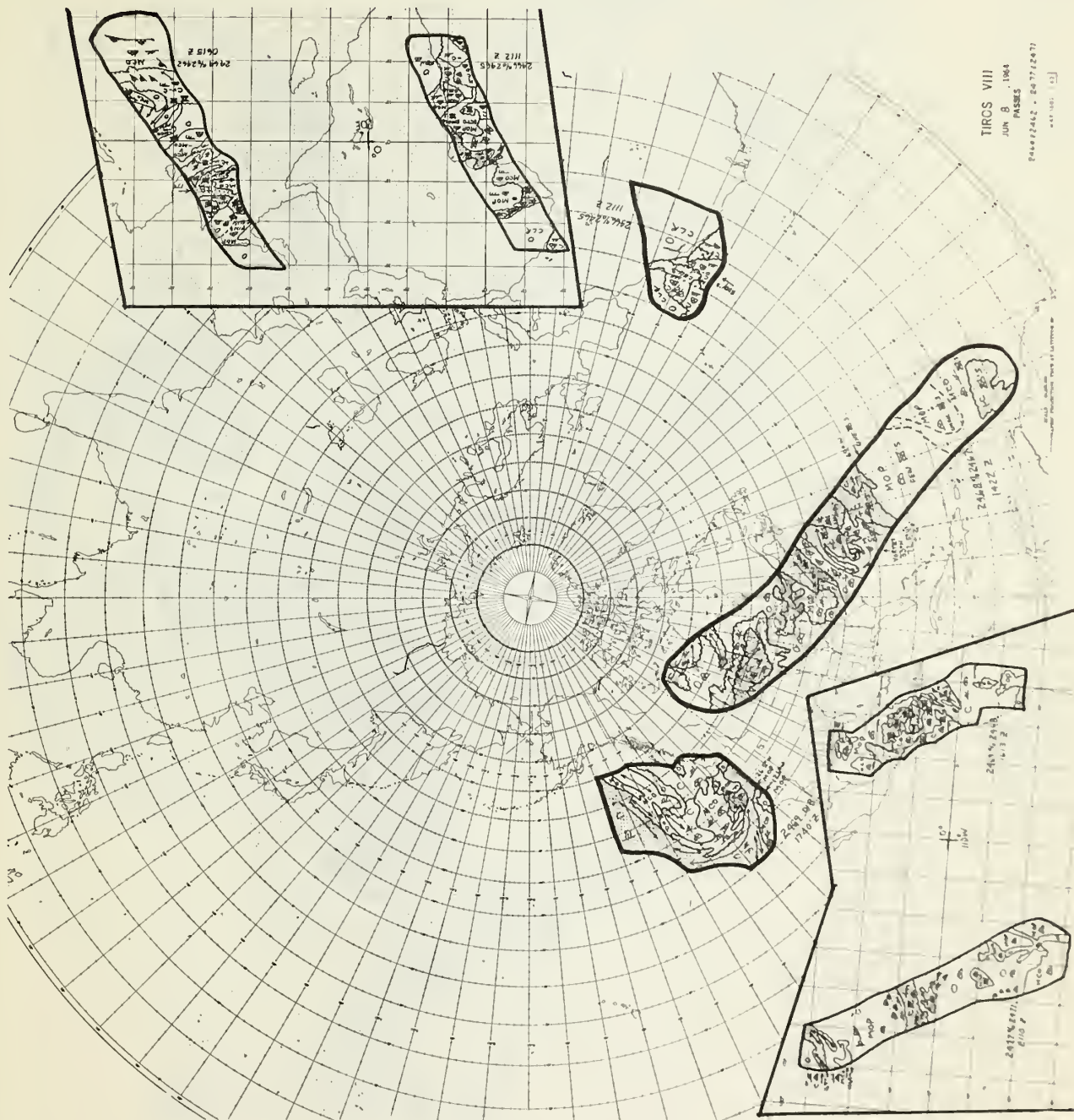


TIROS VIII
JUN. 5, 1964
PAGES
24212419 - 24312428



TIROS VIII
JUN 7, 1964
2450/2448 - 2452/2456

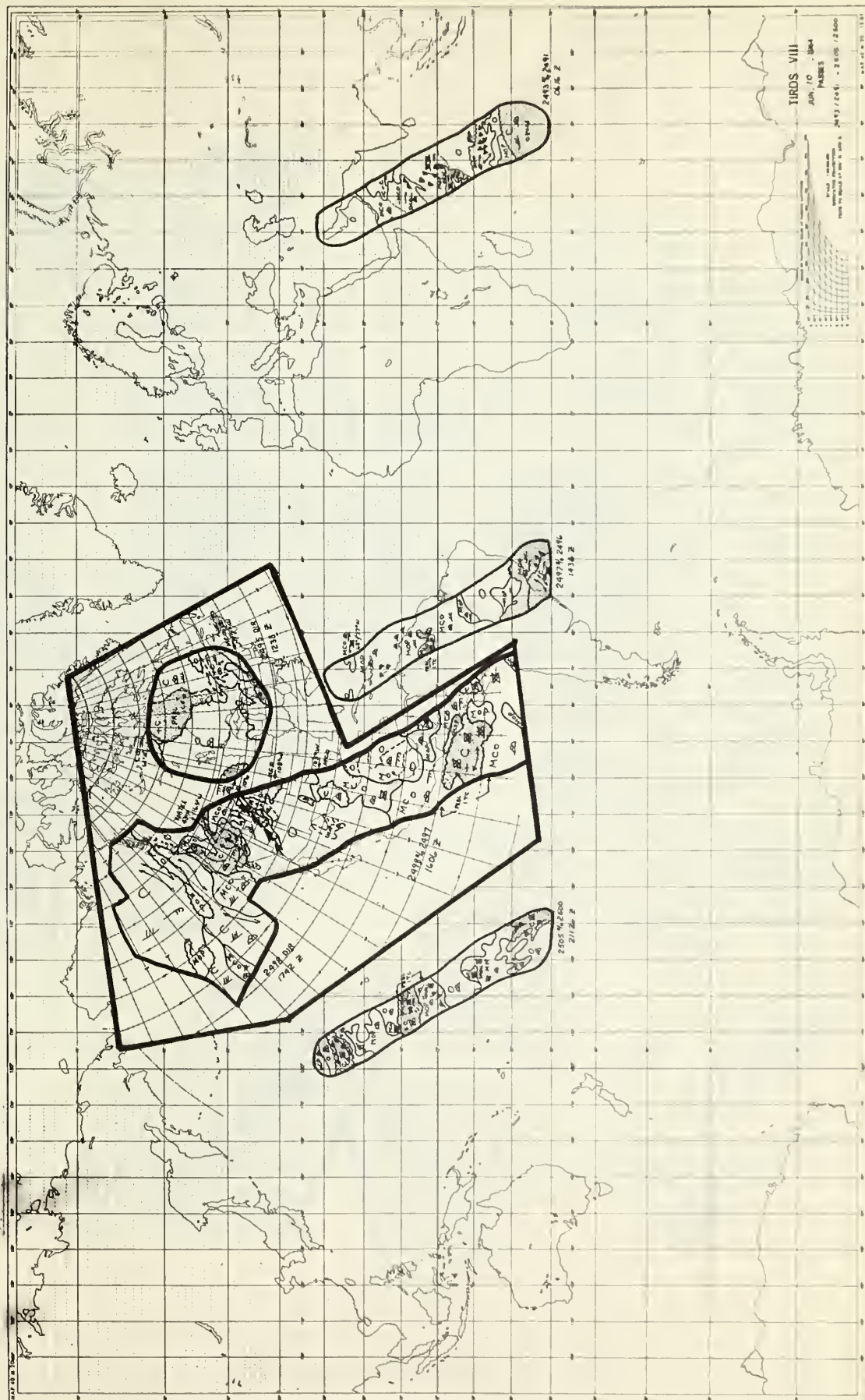


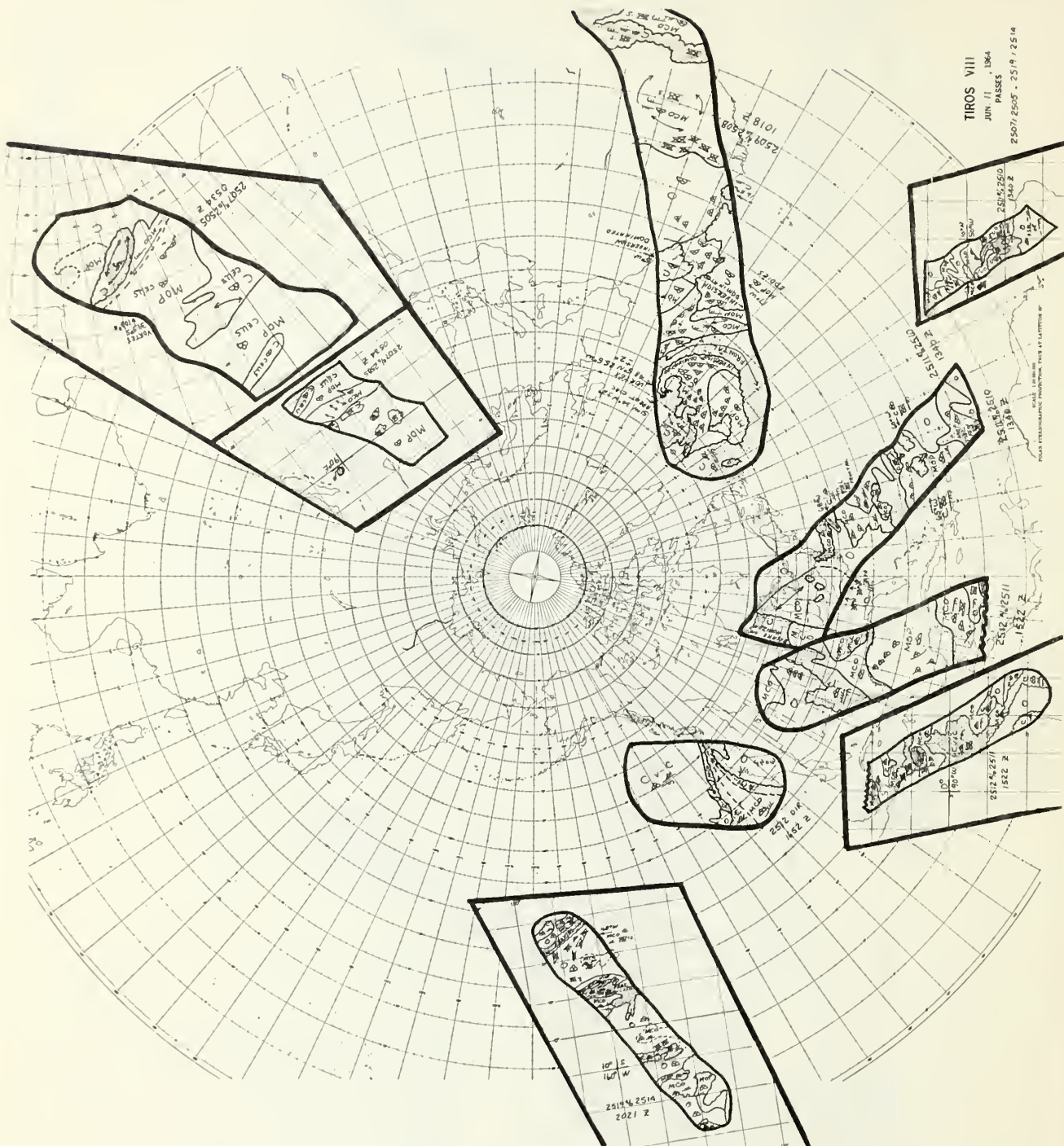


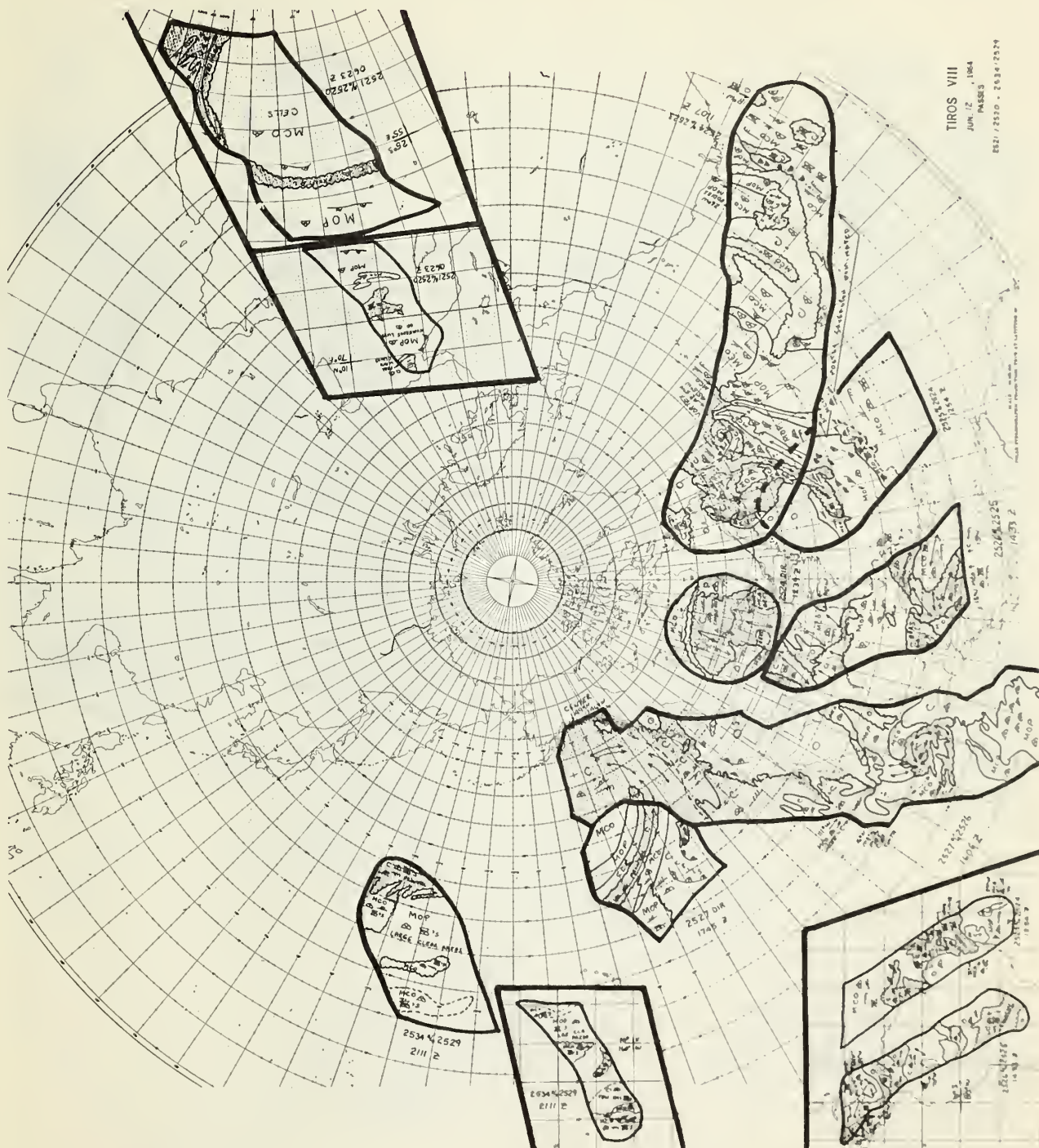
TIRCS VIII
JUN 8 1964
PAGES

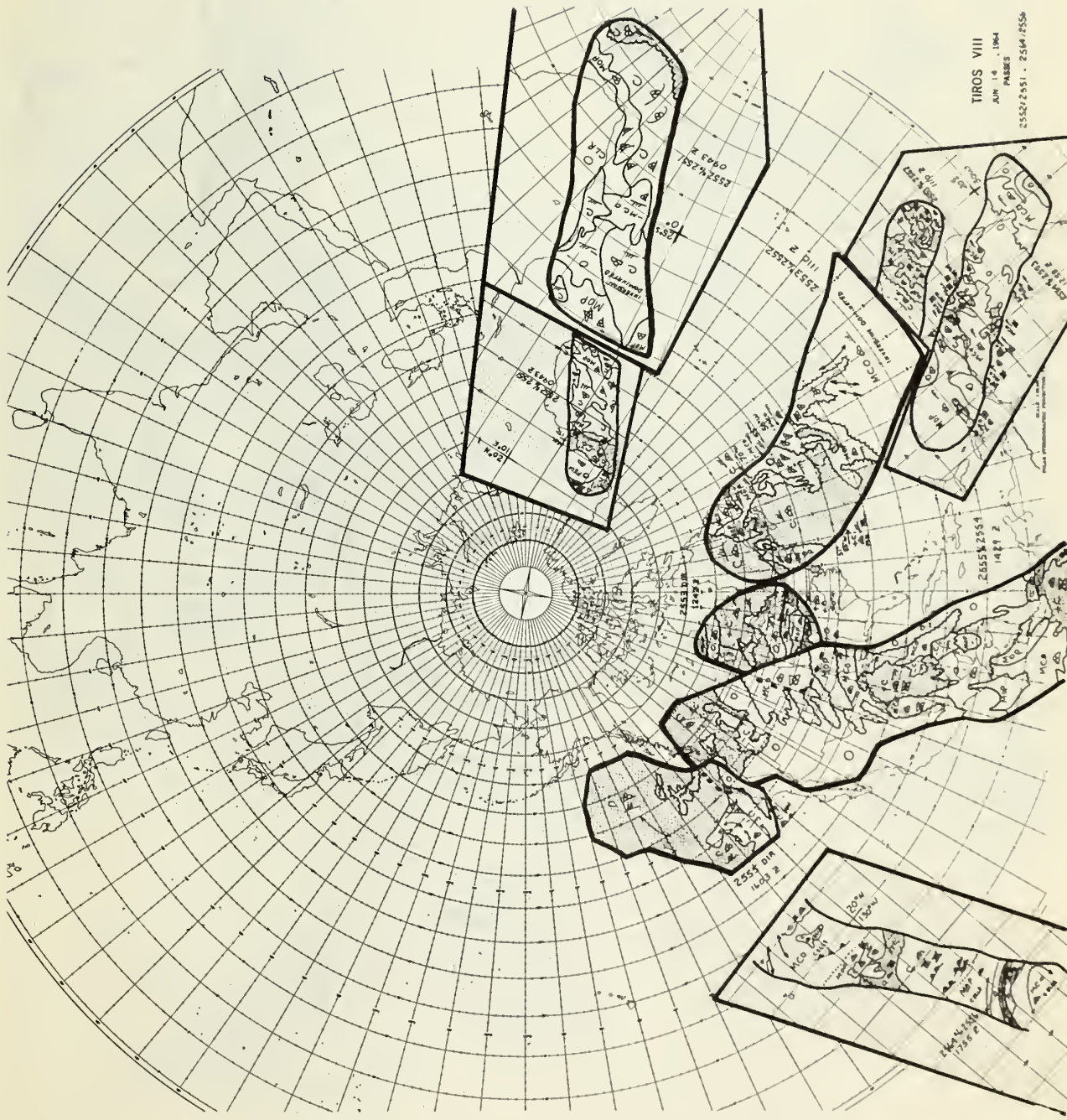
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13

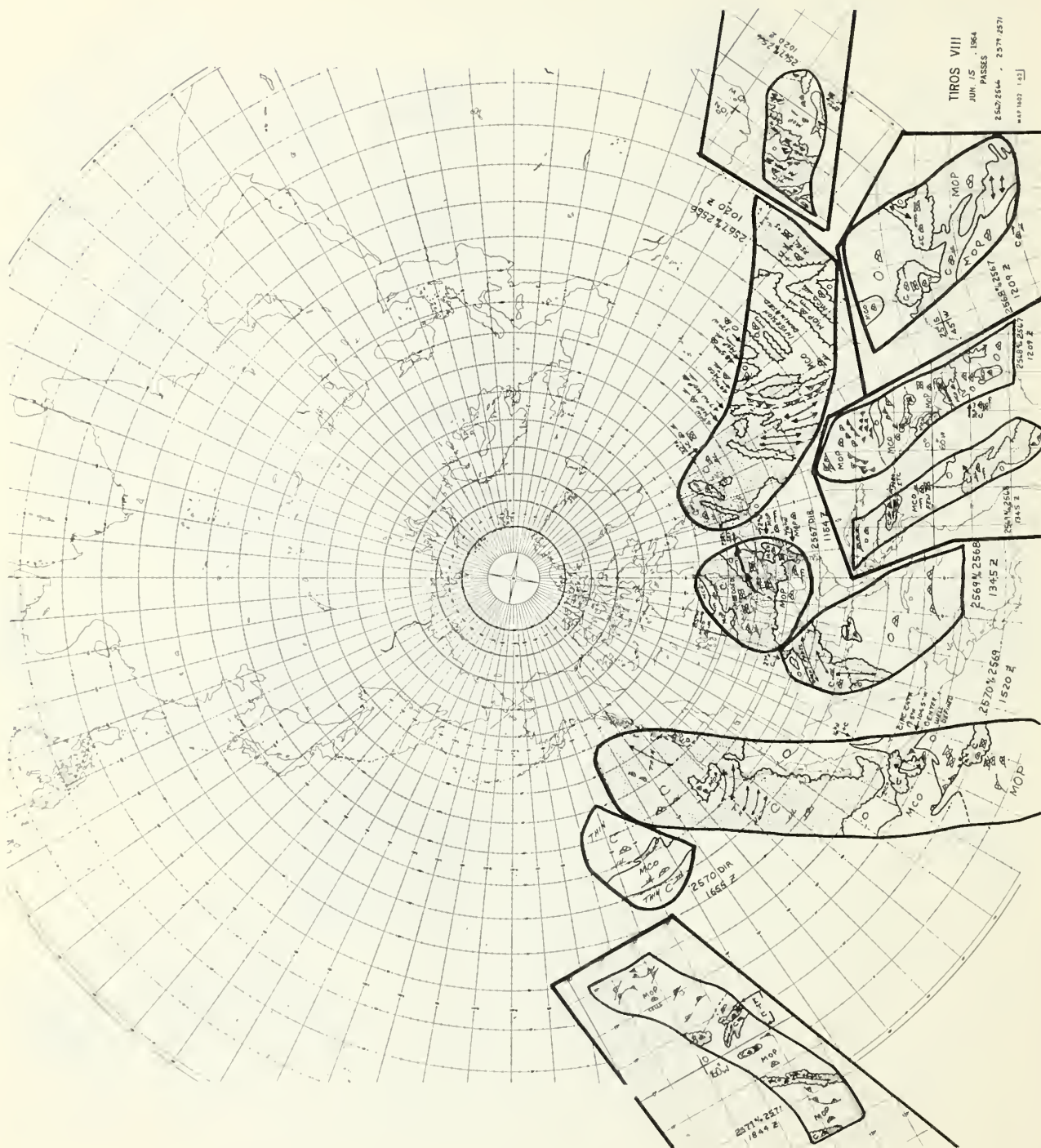




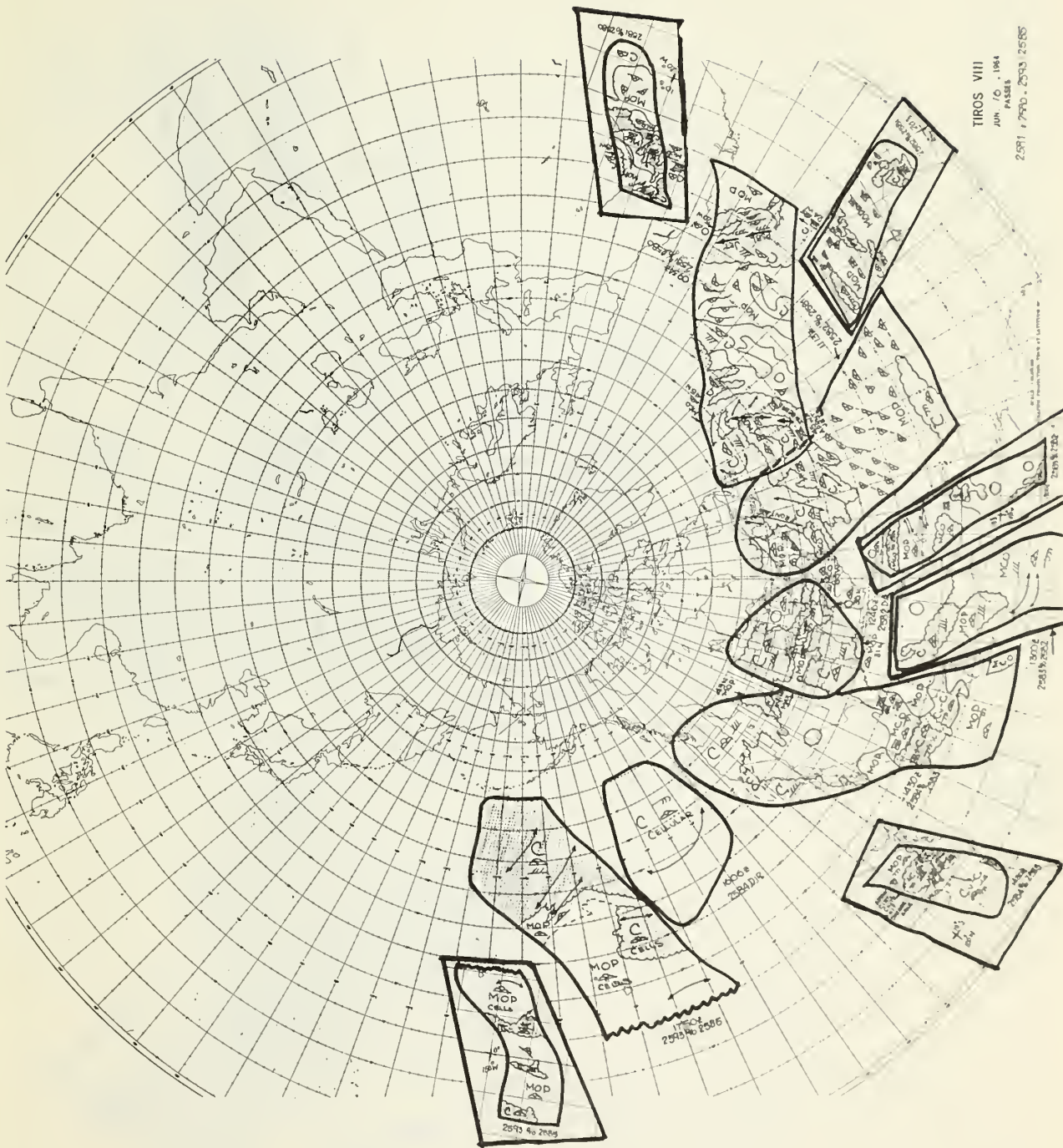




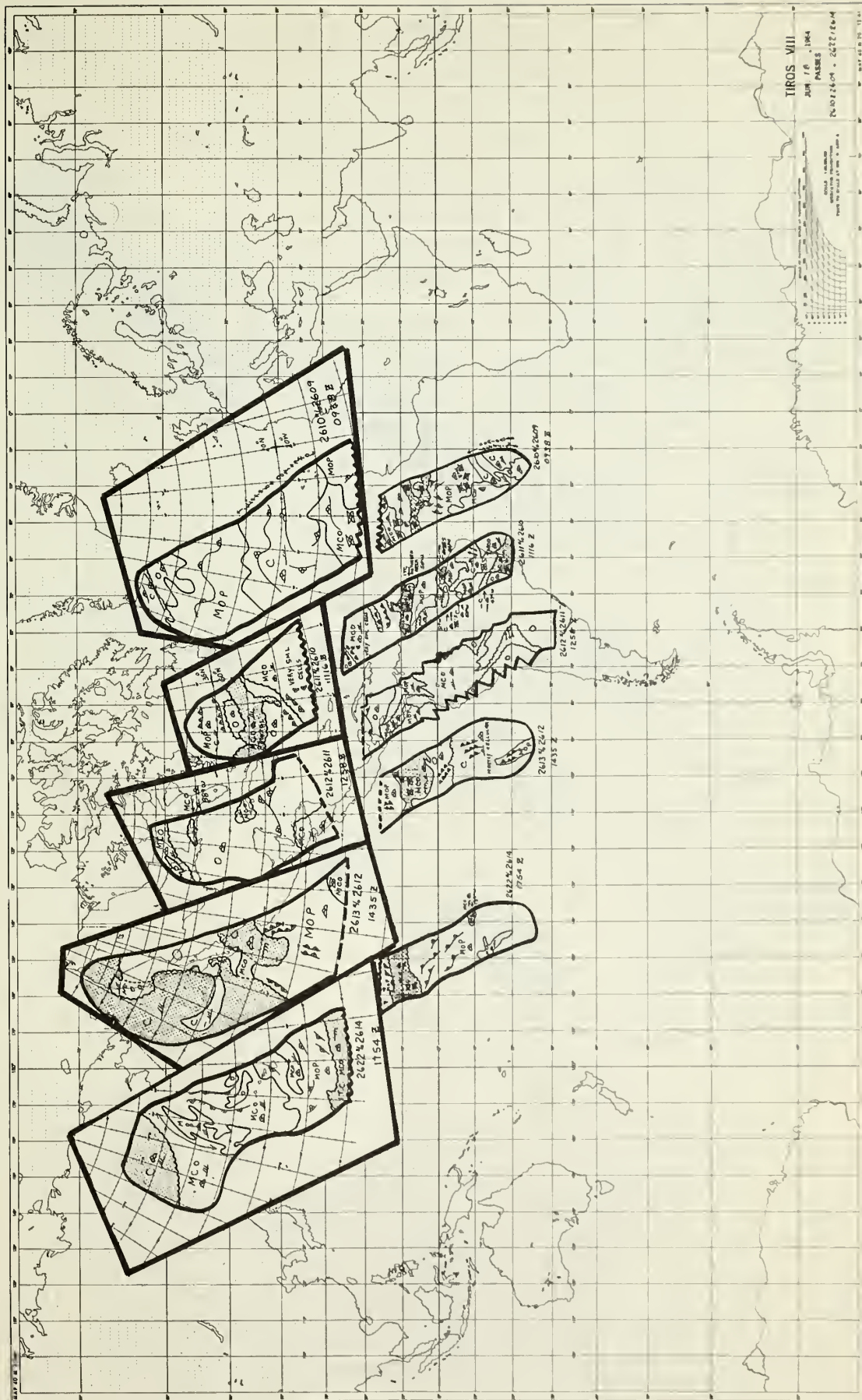
TIROS VIII
JUN 16, 1964
PAGES
2552/2551 - 2564/2556



TIROS VIII
JUN. 15 . 1964
PASSES
25672566 . 25792571
MAP 1002 1-02



TIROS VIII
 JUN 10, 1964
 PAGES
 2591 + 2590 - 2593 2585



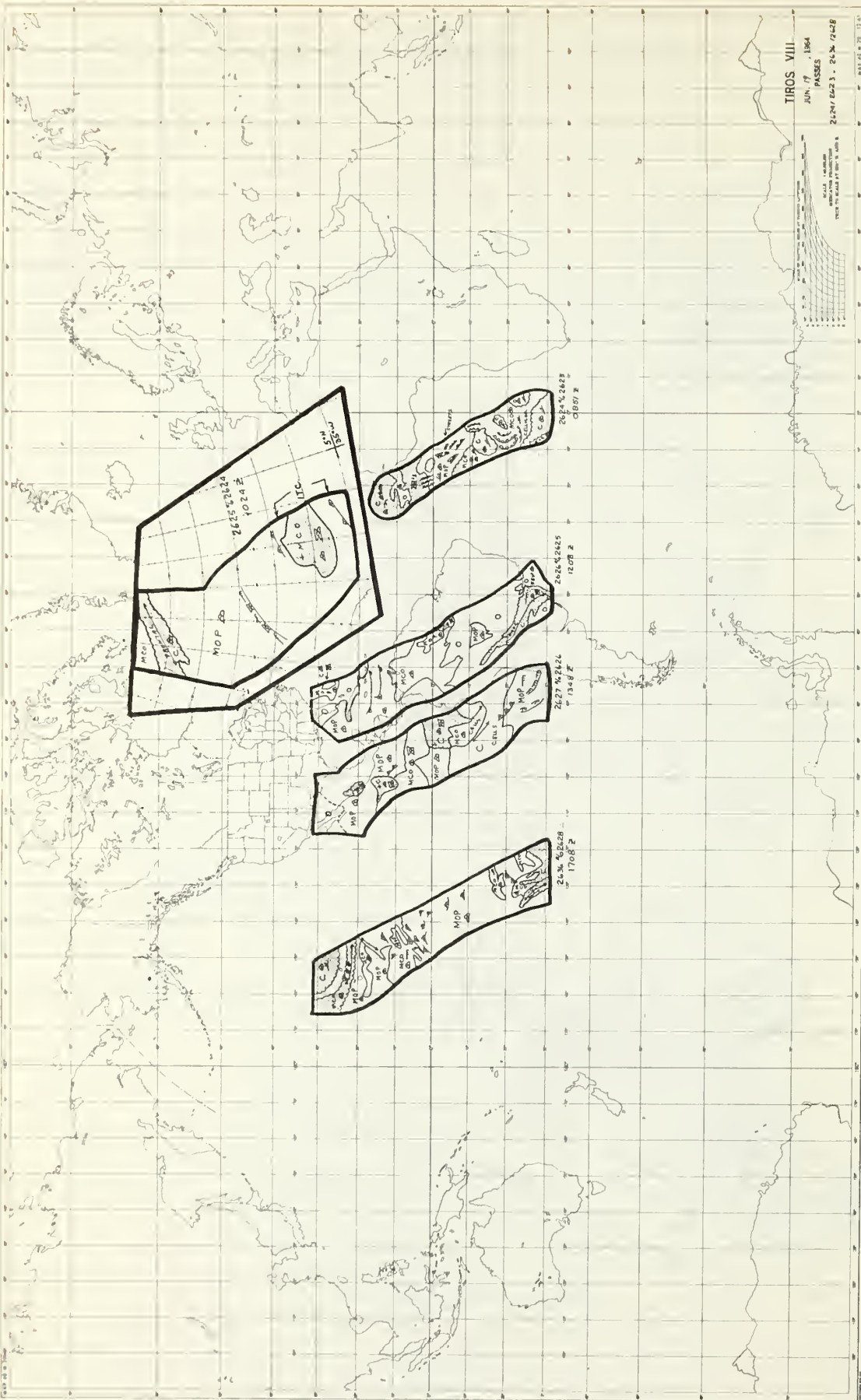
TIROS VII

JUN 16, 1964

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TIROS VIII
JUN 19 1964
PASSES
2,247 623.3 - 26.26 19.28

SCALE
1:100,000
FROM THE SCALE AT 100°N 100°E



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